

# Technical Main Theatre

Hull Truck Theatre  
50, Ferensway, Hull, HU2 8LB  
Technical Manager: [amy.clarey@hulltruck.co.uk](mailto:amy.clarey@hulltruck.co.uk)  
Jan 2016



## Main House Technical Specification

<b>Get In</b>	Access for loading and unloading is via St Stephen's goods yard into the Hull Truck loading bay. Flat access at Stage Level for HGV's, backing directly onto main theatre stage rear dock, ramps available for smaller vehicles. Dock door is a <b>3m 70cm Width X 6m Height</b> roller shutter with automated acoustic sliding door for direct access to stage. Lift available to Control Room level.
<b>Auditorium</b>	Raked seating on 3 sides of thrust stage. Maximum capacity = <b>429</b>
<b>Stage</b>	Thrust stage configuration with upstage shallow proscenium Stage is a modular system and can be set to various heights. Minimum height = flat to front row of auditorium. Maximum height = 700mm.
<b>Dimensions</b>	<p>Full Width = <b>8m</b></p> <p>Depth upstage wall to DS edge = <b>9m 50cm</b></p> <p>Pros Width = <b>10m</b></p> <p>Depth upstage wall to pros = <b>4m</b></p> <p>Stage Left wing = <b>4m Depth X 3m 60cm Width</b></p> <p>Stage Right wing = <b>3m 10cm Depth X 6m 40cm Width</b></p> <p>Height to Grid from flat floor = <b>12m 55cm</b></p> <p>Pros height from flat floor = <b>6m</b></p> <p>Stage to underside of fly galleries from flat floor = <b>7m</b></p>
<b>Flying System</b>	<p>4x Motorised LX winch bars Upstage of Pros with a <b>500Kg</b> rating</p> <p>8x 4-line manual Hemp-set Upstage of Pros with a <b>50Kg</b> rating <b>Please note that Hemp Bars should have the weight evenly distributed and are a 3 person lift so should not be used for live flying.</b></p> <p>All bars <b>11m</b> length, <b>48mm</b> barrel.</p> <p>Gridded height = <b>11m 20cm</b></p>
<b>LX Bridges</b>	<p>5x LX Bridges above thrust stage DS of pros, to above auditorium seating.</p> <p>Height from <b>flat floor</b> to underside of bridges 1 – 3 = <b>7m 20cm</b></p> <p>Height from <b>flat floor</b> to underside of bridge 4 = <b>6m 70cm</b></p> <p>Height from <b>flat floor</b> to underside of bridge 5 = <b>6m</b></p>

- **Hard and soft masking available upon request.**

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## Backstage Facilities

<b>Stage Kitchen</b>	Stage kitchen/prep area in Stage Left wing.	
<b>Wardrobe</b>	Wardrobe facilities available including washing machines, dryers, hotbox, iron and ironing boards.	
<b>Dressing Rooms</b>	<b>Dressing Room 1</b> Located on the ground floor (stage level) Approximate size: 5 dressing tables with mirrors Toilet and Shower Disabled Toilet and Shower Costume rail Show Relay Audio Sofa WiFi	<b>Dressing Room 2</b> Located on the ground floor (stage level) Approximate size: 5 dressing tables with mirrors Toilet and Shower Disabled Toilet and Shower Costume rail Show Relay Audio Sofa WiFi
	<b>Dressing Room 3</b> Located on the first floor (with lift and stair access) Approximate size: 5 dressing tables with mirrors Toilet and Shower Disabled Toilet and Shower Costume rail Show Relay Audio Sofa WiFi	<b>Dressing Room 4</b> Located on the first floor (with lift and stair access) Approximate size: 7 dressing tables with mirrors 2 Toilets and Showers Disabled Toilet and Shower Costume rail Show Relay Audio Sofa WiFi
<b>Green Room</b>	Large green room with filtered cold and boiling water. Refrigerator and Microwave oven. Show relay and video relay to both auditoria available.	
<b>SM Office</b>	Stage management office available for use as company office on request. Access to the internet available via provided computers.	
<b>WiFi Internet</b>	WiFi is available in most areas of the backstage areas. Please note, the stage management office has poor WiFi signal.	

## Power

<b>32A Single Phase</b>	Located where Bridge 1 meets the fly floor Stage Left.
<b>63A Three Phase</b>	Located in the workshop. There is cable access to the main stage but this may have to be unplugged during the course of a run.

- ***Please note that we stock no 32 or 63A cables or converters. If you wish to use either of these power supplies it is essential that you contact the venue well in advance of your arrival.***

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## Stage Management Equipment

SM Console with Cuelight System	1
Comms Ring	2
Wireless Comms Packs (single ring)	6
Video Relay Ring	1
Backstage & FOH Paging from Control Room and Stage Right Wing	1

## Lighting Equipment

<b>Circuits</b>	
3kw Dimmer Circuits (15amp socket)	196
5kw Dimmer Circuits (15amp socket)	20
3kw Non-Dim Circuits (15amp socket)	2
Direct Mains Circuits (15amp socket. 32A max on whole ring)	14

<b>Fresnels &amp; PC's</b>	
Selecon 650W Acclaim Fresnel	10
Selecon 650W Acclaim PC	20
Selecon 1200W Rama 150 Fresnel (Standard)	24

<b>Profiles</b>	
ETC Source Four 19 Degree Fixed Beam Ellipsoidal	3
ETC Source Four 26 Degree Fixed Beam Ellipsoidal	12
ETC Source Four 36 Degree Fixed Beam Ellipsoidal	10
ETC Source Four 50 Degree Fixed Beam Ellipsoidal	6
ETC Source Four 15-30 Degree Zoom Ellipsoidal (New Optics)	7
ETC Source Four 15-30 Degree Zoom Ellipsoidal (Old Optics)	3
ETC Source Four 25-50 Degree Zoom Ellipsoidal (New Optics)	6
ETC Source Four 25-50 Degree Zoom Ellipsoidal (Old Optics)	8

***Please note Zoom Profiles include a mix of '99 and '08 model lens tubes, the optics may differ significantly, old optics have a frosted focus to them.***

<b>Parcans (Various lamps available, please specify)</b>	
Par 64 Long Nose Can (Black)	36

<b>Moving Head Fixtures</b>		
Martin Mac 250 Krypton	<b>*ADDITIONAL HIRE COST MAY BE APPLICABLE*</b>	2
Martin Mac 250+	<b>*ADDITIONAL HIRE COST MAY BE APPLICABLE*</b>	2

<b>Strobes</b>		
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<i>Available on request</i>	
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<b>Lighting Console &amp; Control</b>	
ETC ION with 10 Fader Wing & 2 x 19" touch screens.	1
ETC 2 Port DMX Output Gateways ( <i>Standard positions: bridges, fly floor, SL &amp; R wings</i> )	4

- ***Please note that we do not supply any colour.***
- ***We operate a standard 2 universe set-up with universe one being completely consumed by generic dimming. If more than one spare universe of DMX is required, please contact the venue prior to arrival.***

## Effects

<b>Smoke Machines</b>	
Jem Glaciator Low Fogger	1
Jem ZR-12 DMX Smoke Machine	7
Jem Techno Fog Smoke Machine (Non-DMX)	6

- ***Please note that these items are shared with the Studio and will be supplied on a first come first served basis. Recharge costs may apply to the above items.***

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## Sound Equipment

<b>Mixing Desks</b>	
Soundcraft GB4 32 Channel Mixing Console ( <i>Live Mixing Position</i> )	REQUEST
Yamaha 01V96i Digital Mixing Console with ADAT Card & USB 16in/out. CH: 20 IN 10 OUT ( <i>Between DSM and LX op Position for SFX playback</i> )	1
Digico SD9 Digital Mixing Console with USB MADI 96in/out. CH: 48 mono/stereo IN / 24 mono/stereo flexi busses OUT ( <i>Live Mixing Position</i> )	1
Digico D-rack for use with SD9 Console. 32in/8out (One portable, one fixed in main house patch bay)	2

<b>House System (see plan for exact locations)</b>	
<i>We operate a LCRS configuration of our house system. Options are available however to simply this to a simple LR. Please note, all side and delay fills are unable to be controlled separately to the rest of the system. Please contact the venue for more information and options. The following loudspeakers are part of the house system:</i>	
EM Acoustics MSE-159 Flown Left & Right Prosc (left right for centre seating bank)	2
EM Acoustics 5 Piece HALO-C Array Flown Centre (centre fill for central seating bank)	1
EM Acoustics EMS 81 Fills (left and right seating bank fills)	2
EM Acoustics EMS 61 Delay Fills (rear of centre seating bank delay fills)	4
EM Acoustics EMS 118 Reflex Subwoofer (Floor standing moveable LF normally positioned at or just behind prosc line)	2

<b>Other Available Amplifiers</b>	
The following amplifiers are surplus to the house system amplifiers and are available for use to drive small/medium loudspeakers.	
QSC CX404 (4 x 250w RMS @ 8ohm)	2
SA600Pro (2 x 380w RMS @ 8ohm)	REQUEST
<b>Other Available Loudspeakers</b>	
EM Acoustics EMS 121 Full Range Loudspeaker (vertical flying brackets available)	7
EM Acoustics I-2 Spot/Fill Loudspeaker	6
EM Acoustics I-12 Compact Subwoofer	4
Logic Systems LM12 Monitor Wedge Loudspeaker	4
ElectroVoice SX300 12" full range Loudspeaker (some available with horizontal flying brackets)	6
JBL Control One Spot Loudspeaker.	REQUEST
ElectroVoice S40 Compact Monitor Loudspeaker	2

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<b>Effects &amp; Processing</b>	
Lexicon MPX1 Reverb Unit	1
Alesis Midiverb 4	REQUEST
Alesis Microverb 3	REQUEST
Behringer MDX 2400 Multicom Quad Dynamics Processor	REQUEST

<b>Compressors and Graphic EQ (REQUEST for use with analogue mixers)</b>	
BSS FCS 966 Opal Dual Graphic EQ	3
Klark Teknik Square One 8Ch dynamics processor	1

<b>Playback</b>	
Mac Pro 5.1 with Qlab 3 Pro Bundle 16 channels in / 16 out ( <i>used in conjunction with Yamaha 01V96i mixer</i> ) 96 channels in / 96 out ( <i>used in conjunction with Digico SD9 Mixer</i> )	1
<i>MD/CD players be available on request</i>	

<b>Microphones</b>	
Shure SM58 cardioid Vocal Microphone	4
Shure SM57 cardioid Microphone	1
AKG C1000 Microphone	4
AKG D112 Microphone	1
Sennheiser E604 Microphone	4
Sennheiser EW300 Series Radio Microphone Receivers with Beltpack Transmitters	8
Sennheiser SKM 300-835 Handheld Cardioid Microphone ( <i>to be used with above receivers</i> )	4

- ***Please note that radio microphones are shared with the Studio and will be supplied on a first come first served basis. RECHARGE COSTS MAY APPLY. Please check for available microphone heads.***

<b>DI Boxes</b>	
<i>Available on request</i>	