

Technical

Main Theatre

Hull Truck Theatre
 50, Ferensway, Hull, HU2 8LB
 Technical Manager: amy.clarey@hulltruck.co.uk
 April 2017



Main House Technical Specification

Get In	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 3m 70cm Width X 6m Height roller shutter with automated acoustic sliding door for direct access to stage. Lift available to Control Room level.
Auditorium	Raked seating on 3 sides of thrust stage. Maximum capacity = 429
Stage	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.
Dimensions	Full Width = 8m Depth upstage wall to DS edge = 9m 50cm Pros Width = 10m Depth upstage wall to pros = 4m Stage Left wing = 4m Depth X 3m 60cm Width Stage Right wing = 3m 10cm Depth X 6m 40cm Width Height to Grid from flat floor = 12m 55cm Pros height from flat floor = 6m Stage to underside of fly galleries from flat floor = 7m
Flying System	4x Motorised LX winch bars Upstage of Pros with a 500Kg rating 8x 4-line manual Hemp-set Upstage of Pros with a 50Kg rating <i>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.</i> All bars 11m length, 48mm barrel. Gridded height = 11m 20cm
LX Bridges	5x LX Bridges above thrust stage DS of pros, to above auditorium seating. Height from flat floor to underside of bridges 1 – 3 = 7m 20cm Height from flat floor to underside of bridge 4 = 6m 70cm Height from flat floor to underside of bridge 5 = 6m

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

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Backstage Facilities

Stage Kitchen	Stage kitchen/prep area in Stage Left wing.	
Wardrobe	Wardrobe facilities available including washing machines, dryers, hotbox, iron and ironing boards.	
Dressing Rooms	Dressing Room 1 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	Dressing Room 2 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
	Dressing Room 3 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	Dressing Room 4 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
Green Room	Large shared green room with filtered cold and boiling water. Oven, Hob, Grill, Refrigerator and Microwave oven. Show relay and video relay to both auditoria available. Wifi Available.	
SM Office	Stage management office available for use as company office on request. Access to the internet available via provided computers.	
WiFi Internet	WiFi is available in most areas of the theatre, including the auditoria. Please note: the stage management office and substage have poor WiFi signal.	

Power

63A Single Phase	Located where Bridge 1 meets the fly floor Stage Left.
32A Single Phase 63A Three Phase (3P+N+E)	Located in the workshop behind the back wall of the stage. 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, converters or distros. 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, Video Monitor & Paging (located in control room)	1
<i>SM console available on stage at prompt positions on request but offers very poor view of stage.</i>	
Wired Comms Channels	2(+3)*
Wireless Comms Channels	1(+1)*
Tecpro Wired Comms Packs (mixture of single and double channel)	12
HME DX Series Wireless Comms Packs	4(+4)**
Video Relay Channels (not available in dressing rooms)	1
Backstage & FOH Paging from SM Desk and Stage Right Wing	1

- **** Extra wired comms channels must be negotiated before arrival. Wireless comms are connected to wired comms on one channel and feature an additional isolated wireless only channel.***
- *****A maximum of four wireless packs in full duplex mode (talk) at once. Extra packs must be negotiated before arrival.***

Lighting Equipment

Circuits	
3kw Dimmer Circuits (15amp socket)	196
5kw Dimmer Circuits (2 x 15amp socket & 1 x 32/1p amp socket per channel)	20
3kw Non-Dim Circuits (15amp socket)	28
Direct Mains Circuits (15amp socket. 32A max on whole ring)	14
<i>Some circuits can be provided as a 6 channel Socapex on request. (depending on location)</i>	

Fresnels & PC's	
Selecon 650W Acclaim Fresnel	10
Selecon 650W Acclaim PC	20
Selecon 1200W Rama 150 Fresnel (Standard)	24

Profiles	
ETC Source Four 19 Degree Fixed Beam Ellipsoidal	4
ETC Source Four 26 Degree Fixed Beam Ellipsoidal	13
ETC Source Four 36 Degree Fixed Beam Ellipsoidal	9
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

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ETC Source Four 25-50 Degree Zoom Ellipsoidal (Old Optics)	8
<i>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. All Source Four Profiles are 750w model.</i>	
Parcans (Various lamps/lenses available, please specify)	
Par 64 Long Nose Can (Black)	32
ETC Source Four Par 750w	4

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

Strobes		
<i>Available on request</i>		

Lighting Console & Control		
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 & 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

Smoke Machines		
Unique 2.1 Hazer		1
Jem Glaciator Low Fogger		1
Jem ZR-12 DMX Smoke Machine		2
Jem Techno Fog Smoke Machine (Non-DMX)		2

- ***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

Mixing Desks	
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 56in/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

House System (see plan for exact locations)	
<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

Other Available Amplifiers	
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
T&M Performance SA600Pro (2 x 380w RMS @ 8ohm)	REQUEST
Yamaha H5000 (2 x 550w RMS @ 8ohm)	REQUEST
C-Audio RA3001 (2 x 400w RMS @ 8ohm)	REQUEST
Other Available Loudspeakers	
EM Acoustics EMS 121 Full Range Loudspeaker (vertical flying brackets available)	7
EM Acoustics I-2 Spot/Fill Loudspeaker	6
EM Acoustics I-8 Compact Subwoofer 2008	4
Logic Systems LM12 Monitor Wedge Loudspeaker	4
ElectroVoice SX300 12" full range Loudspeaker (4 with horizontal flying brackets)	6
JBL Control One Spot Loudspeaker.	REQUEST
ElectroVoice S40 Compact Monitor Loudspeaker	2

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Effects & Processing	
Lexicon MPX1 Reverb Unit	1
Alesis Midiverb 4	REQUEST
Alesis Microverb 3	REQUEST
Behringer MDX 2400 Multicom Quad Dynamics Processor	REQUEST

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

Playback	
Mac Pro 5.1 with Qlab 3 Pro Bundle 16 channels in / 16 out (<i>used in conjunction with Yamaha 01V96i mixer</i>) 48 channels in / 48 out (<i>used in conjunction with Digico SD9 Mixer</i>)	1
<i>MD/CD players be available on request</i>	

Microphones	
Shure SM58 cardioid Vocal Microphone	4
Shure SM57 cardioid Microphone	4
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.***

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