Samuel Beckett Theatre
Trinity College, Dublin 2
Technical Office: 01 896 2248
Technical Manager: Michael Canney – canneym@tcd.ie

Technical Specification – October 2023

General

Accommodation:
- Auditorium
- Overhead Gantries
- Scene Dock
- Control Room
- Front of House Area
- Two Dressing Rooms with sinks and showers
- Two Toilets

*Please Note* There is no dedicated Green Room.

Critical Dimensions:
- The Theatre is a Black Box studio space with a stage area of 12.9m width by 12m depth with the seating fully extended.
- Floor to underside of the gantry is 7.5m.
- Floor to fixed lighting positions on the gantry is 8.5m.
- There are lighting positions on separate sections of truss positioned between the gantries.
- See plan attached.

Seating:
- Hille Motorised Telescopic raked seating bank.
- Maximum seating capacity will be dependent on current public health guidelines and University policy on social distancing.
- Strike time to retract seating – 4 hours.
Stage Decks:

<table>
<thead>
<tr>
<th>Size</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>8’ x 4’ Aluminium Decks</td>
<td>16</td>
</tr>
<tr>
<td>4’ x 4’ Steel Decks</td>
<td>4</td>
</tr>
</tbody>
</table>

**Various leg sizes available**

Access:
- The Theatre is a ground floor studio space.
- Auditorium access is via a short corridor USR.
- Access door dimensions – 1450mm x 2100mm.
- Diagonal dimension at narrowest point is 2600mm.
- Access to campus is via the Lincoln Place Gate.
- Articulated lorry access can be arranged via Pearse Street at particular times and strictly by prior arrangement.

Auxiliary Power:
- 32A 3Ø Distro with 6 x 16A 1Ø sockets located inside the scene dock USL.
- 32A 3Ø Distro with 6 x 16A 1Ø sockets located on the gantry.

Lighting

Generic Fixtures:

<table>
<thead>
<tr>
<th>Fixtures</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETC Source 4 Zoom 25/50 Profile 750W</td>
<td>12</td>
</tr>
<tr>
<td>ETC Source 4 Zoom 15/30 Profile 750W</td>
<td>12</td>
</tr>
<tr>
<td>Strand Cantata Fresnel 1.2KW</td>
<td>18</td>
</tr>
<tr>
<td>Strand Cantata PC 1.2KW</td>
<td>18</td>
</tr>
<tr>
<td>Thomas Par 64 1 KW (Typically CP62)</td>
<td>24</td>
</tr>
<tr>
<td>Iris Asymmetric Flood</td>
<td>16</td>
</tr>
</tbody>
</table>

**All Generic Fixtures have a 15A plug attached**

Intelligent Fixtures:
**Mac 2000 Profile Moving Head**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Mac 2000</td>
<td>2</td>
</tr>
<tr>
<td>PixelLine 4</td>
<td>4</td>
</tr>
</tbody>
</table>

**All Intelligent Fixtures have a 16A plug attached**

**Dimmers:**
- 192 channels of ETC Sensor+ Digital Dimming.
- All dimmers rated 3KW.
- 240 Circuits (156 straight to dimmers, 84 to patch)
- See circuit diagram attached.

**Control:**
- ETC Ion Classic w/ 2 x 10 Fader wing.
- First DMX Universe straight to dimmers, second Universe to Buffer on gantry level.

**Cabling:**
- 15 x 15m Soccapex with 15A break-in/out.
- Sufficient 15A TRS to service house generic stock only.
- Sufficient 16A TRS to service house intelligent stock only.
- Sufficient DMX to service house stock only.

**Trussing:**
- Two separate rectangular sections of Thomas Superlite Truss measuring 9m x 2m suspended between the upstage gantries on 8 x 500kg CM Loadstar Motors (i.e. 4 each).
- Two separate spines of Slick Litebeam Truss measuring 9m long suspended between the downstage gantries on 4 x 500kg Verlinde Stagemaker Motors (i.e. 2 each)
- All Truss can be flown to variable height up to 7.5m.
- Please see plan attached.

**Height Access:**
- Tallescope 3.9m - 5.9m
- Zarges Skymaster 4.1m - 6.9m
- Aluminium Waku Ladder 1.85m - 6.4m
- Aluminium Waku Ladder 1.29m - 4.2m
- Fiberglass Stepladder 1.6m
Sound

PA:

<table>
<thead>
<tr>
<th>Speakers</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meyer UPM-1P</td>
<td>10</td>
</tr>
<tr>
<td>Meyer UMS-1P</td>
<td>1</td>
</tr>
</tbody>
</table>

Control:
- Midas M32R Mixing Desk.
- Midas DL32 Stagebox.
- Single 50m Cat 5 Multi.

Typical PA configuration is set as a 7.1 surround system around the seating bank with the desk at the rear of the seating bank and the stage box by the patch bay in the control room.

It is a flexible system which allows for other configurations, please discuss with house technical staff prior to load in.

Playback:
- Macbook Pro (OS 11.4)
- Qlab Pro Licence (ver 4.6.10)
- Focusrite Scarlett 8i6 USB C Soundcard
- Edirol FA-66 Firewire Soundcard

Mics/DI’s:

<table>
<thead>
<tr>
<th>Microphones</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sennheiser EW100 G3 UHF H’held/Beltpack/Rx</td>
<td>2</td>
</tr>
<tr>
<td>Sennheiser MKH 8060</td>
<td>2</td>
</tr>
<tr>
<td>AKG SE300B</td>
<td>3</td>
</tr>
<tr>
<td>AKG C1000S</td>
<td>1</td>
</tr>
<tr>
<td>Behringer Ultra DI</td>
<td>2</td>
</tr>
</tbody>
</table>

Projection

Sanyo PDG-DHT8000L 1080p, 8000 lumen HD projector permanently rigged to cradle above seating.
Comms

- Canford Tecpro MS745 Master Station.
- 4 x Beltpacks & Headsets.

Drapeage & Masking

<table>
<thead>
<tr>
<th>Blacks</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>3m x 8m Leg</td>
<td>12</td>
</tr>
<tr>
<td>12m x 3m Border</td>
<td>2</td>
</tr>
<tr>
<td>12m x 2m Border</td>
<td>2</td>
</tr>
<tr>
<td>12m x 1m Border</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cyc</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>11m x 6.5m Grey Cloth Cyc</td>
<td>1</td>
</tr>
</tbody>
</table>

**2 x Full Black Tabs permanently rigged on track forming crossover 1.5m from the US wall**