Mainhouse

Technical Specifications

Contact productions@macrobertartscentre.org
Mainhouse Technical Specification

Backstage Facilities

**Green Room**  Comfortable seating area with microwave, kettle, fridge, sink etc.

**Dressing Rooms**
- 4 principles dressing rooms.
- 2 larger chorus dressing rooms with space for up to 30.

**Laundry**
- 2 washing machines
- 2 tumble dryers
- Irons and ironing boards

**Quickchange**  A room is available for quickchange DSL.
Mainhouse Technical Specification

Auditorium

Capacity  460

Access  2 Audience entrances on row G. Wheelchair spaces also on row G.

Control Position  Control Room located at back of auditorium. A control position can also be set up in back 2 rows. Please inform Technical department in advance to arrange this.
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Stage

Get In Access

Loading Bay and stage door located at back of MacRobert. Accessed by service road to shops and student union. Company vehicles may park in loading bay, parking is payable through Ringo app Mon-Fri 9am-5pm.

Loading Bay is 1.2 m above road. Ramp provided. Accessible by 40’ trailer.

Dock door  
- Width 2.85m  
- Height 2.25m

Stage

Proscenium arch, flat stage with apron.

<table>
<thead>
<tr>
<th>Measurement</th>
<th>Value</th>
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<tbody>
<tr>
<td>Stage depth</td>
<td>9.90m</td>
</tr>
<tr>
<td>Forestage depth</td>
<td>2.69m</td>
</tr>
<tr>
<td>Stage width (including wings)</td>
<td>18.70m</td>
</tr>
<tr>
<td>Pros. Width</td>
<td>9.75m</td>
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<tr>
<td>Height</td>
<td>5.50m</td>
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<tr>
<td>Width between fly floors</td>
<td>14.50m</td>
</tr>
<tr>
<td>Height to grid</td>
<td>14.30m</td>
</tr>
<tr>
<td>Stage to fly floor</td>
<td>6.30m</td>
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<tr>
<td>Stage to Flyfloor handrail</td>
<td>8.20m</td>
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<tr>
<td>Stage to underside of Catwalk cross over</td>
<td>7.40m</td>
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<tr>
<td>Counterweight bar length</td>
<td>12.20m</td>
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</tbody>
</table>
Masking
Black box set up available. Mixture of hard flats and soft legs.
Flat black cloth and pleated split black cloth available.
Borders available.

Stage misc.
Forestage drops down to an orchestra pit for up to 12 musicians, instrument dependant.
Rear wall white for use as cyc.
Full black dance floor
25 stage weights
Braces available

Access Equipment
Skyjack – only to be operated by IPAF ticketed personnel
2 x Tallescope
2 x Zarges
Selection of ladders

Access equipment only to be used by competent personnel
Macrobert operates a hard hat policy when using access equipment
<table>
<thead>
<tr>
<th>bar no.</th>
<th>notes</th>
<th>position</th>
<th>spacing</th>
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<tbody>
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<td>0.2</td>
</tr>
<tr>
<td>bar 28</td>
<td></td>
<td>8.2</td>
<td>0.4</td>
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<tr>
<td>bar 27</td>
<td></td>
<td>7.8</td>
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<tr>
<td>bar 26</td>
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<td>7.7</td>
<td>0.3</td>
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<tr>
<td>bar 25</td>
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<td>7.3</td>
<td>0.2</td>
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<td>bar 24</td>
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<td>7.1</td>
<td>0.3</td>
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<tr>
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<td>6.8</td>
<td>0.4</td>
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<tr>
<td>bar 22</td>
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<td>6.4</td>
<td>0.4</td>
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<tr>
<td>bar 21</td>
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<td>0.4</td>
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<td>0.4</td>
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<td>bar 02</td>
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<td></td>
<td>Normal set line</td>
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<td>bar 01</td>
<td>House Tabs</td>
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<tr>
<td>Iron</td>
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<td>0.6</td>
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</tbody>
</table>

*PLEASE NOTE THAT THE CINEMA SCREEN ON BAR 5 IS NOT REMOVEABLE*

Measurements are in metres from the front of the stage.
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Lighting

Lighting Control

ETC Ion
1 x Fader Wing (2 x 20 faders)
2 x Universes

Universe 1 addresses 1-175 and 501-512 are allocated to theatre dimmers and cannot be changed.
DMX outlets at 4 corners of stage.

Dimmers

ETC sensor Dimmers
175 circuits
Stage – 53 circuits
FOH Front Bridge – 12 circuits
FOH Back Bridge – 12 circuits
FOH Perches – 4 circuits each side of auditorium
OP Fly Floor – 90 Circuits – 5 x IWB’s overhead 18 ways each

Lighting Stock

40 x Robert Juliet 310THF 1Kw with Barn Doors
20 x Source 4 Zoom 15-30 Profile 750w
10 x Source 4 Zoom 25-50 Profile 750w
8 x source4 Junior 25-50 Profile 575w
6 x Elumen8 TZ 350 zoom Fresnel RGBW
5 x Elumen8 Tri 4 Pixel Batten
18 x Source4 par Mixture of CP60/61/62/63 575w
35 x Parcan ALL CP62 1Kw
2 x Selecon Performer MSR 1200w Followspot with 6 colour magazine

Temporary Power

SR wing
300 amp/3 phase – tail in required/hardwire
32 amp/3 phase – Ceeform
32 amp/1 phase – Ceeform

Booms

8 x Boom Bases with 3m scaff poles and 4 boom arms each

Haze

1 x Phantom Pea Soup CO2 powered, dmx controlled.

Please note this is subject to a usage charge
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Sound

Desk
Soundcraft Vi1 digital Desk - 32 XLR inputs, 16 XLR outputs
Digital stagebox – 32 XLR inputs, 16 XLR outputs

Playback
Apple Mini Mac running Qlab 4
Focusrite Saffire Pro 24 soundcard
Numark CDN77 twin CD player

Speakers
Main PA Flown FOH – 2 x Pairs D+B C6’s
FoH Subs – 2 x D+B 1801’s
Front Fill 2 x E3’s
Monitors corners of stage – 4 x D+B 602M’s

Amps
Main PA 3 x D+B p1200’s with appropriate cards
Front Fill 1 x Epac
Monitors 2 x Crown amps

Misc.
We have a range of equipment available for hire
- Selection of microphones, wired and radio.
- DI boxes
- Mic Stands
- Selection of cabling
- Keyboards and stands

Upright and grand Piano available for hire, please note these will be subject to a tuning fee.

AV

Projector
Christie LX500 projector available for hire

Screen
We have a full size cinema screen that flies in DS (bar 5)