Rudder Theatre Complex
Technical Information Sheet
Theatre

Location:
Rudder Theatre Complex
Texas A&M University
1232 TAMU
College Station, TX 77843-1232
Telephone - (979) 845-8903
Fax - (979) 845-7312
Backstage - Lines available on request

Theatre Manager:
Jason Muchow
Telephone- (979) 845-8903
E-mail j-muchow@tamu.edu

Senior Stage Manager
Jarrett Hervey
Telephone-(979) 845-8903
E-mail j-hervey@dsa.tamu.edu

Seating Capacity: 750

Loading Dock:
Location - Throckmorton Street
Width of Loading Dock Door - 12'6"
Height of Loading Dock Door - 9'8"
Loading dock is on same level as stage - USR corner
2 - 53’ trucks can be unloaded at the same time

Dimensions:
Proscenium Opening: 47’ wide by 20’ high
Depth (see plan):
Act curtain to cyc – 20’
Act curtain to back wall – 43’
Act curtain to apron lip – 9’ 6”
Act curtain to forestage edge – 19’
Width (see plan):
75’ maximum
Grid Height:
50’
Type of Floor:
Black Battleship linoleum over wood sub-floor

Stage Rigging:
Type system: Double-hung counterweight
Usable Line Sets 16 counting cyc pipe
Lines spacing: Varies 6” – 1’6”
Arbor Capacity: 2,000 lbs.
Fly Rail: Stage Right, 15’ above deck
Batten Length: Varies from 52’ – 30’. (See plan)
Restrictions: Motorized track on line 7;
Permanent picture screen on line 8 & 9
Cyc is curved.
**Curtains:**

All curtains are Burgundy velour

1-Guillotine
1-Main
1-Olio
1-Traveller
1-White Cyclorama
1-Pleated backdrop
3-borders 6' high

**Dressing Rooms:**

All dressing rooms are located below stage level; accessible stage left and stage right.
6 dressing rooms: 4 individual and 2 chorus
All dressing rooms have toilet, sink, showers, make-up mirrors, and clothes racks.

**Orchestra:**

Music stands and lights - 100 available
Orchestra chairs - 120
Conductor's Podium - 2

Pianos -
1 -9' Steinway
1 -7' Steinways
2 -5' Steinways
1 -Kawai Upright

**General:**

Theatre Complex will provide paid and trained crews for shows
Lag bolts or nails may be used in floor
There are no immovable obstructions in Stage, House, or Wings
No traps
30' Genie lift
6- 16' Ballet Bars
4 -Irons
3 -Ironing Boards
2 -Steamers
1 –Washer and Dryer
<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Width (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Guillotine</td>
<td>0'8&quot;</td>
</tr>
<tr>
<td>2</td>
<td>Main</td>
<td>1'4&quot;</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>2'0&quot;</td>
</tr>
<tr>
<td>4</td>
<td>1st Electric</td>
<td>3'0&quot;</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>4'0&quot;</td>
</tr>
<tr>
<td>6</td>
<td>Olio Border</td>
<td>4'8&quot;</td>
</tr>
<tr>
<td>7</td>
<td>Olio (motorized)</td>
<td>5'4&quot;</td>
</tr>
<tr>
<td>8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Screen</td>
<td>6'6&quot;</td>
</tr>
<tr>
<td>10</td>
<td>Border</td>
<td>7'10&quot;</td>
</tr>
<tr>
<td>11</td>
<td>Traveler</td>
<td>8'6&quot;</td>
</tr>
<tr>
<td>12</td>
<td>2nd Electric</td>
<td>9'6&quot;</td>
</tr>
<tr>
<td>13</td>
<td></td>
<td>10'6&quot;</td>
</tr>
<tr>
<td>14</td>
<td>Border</td>
<td>11'2&quot;</td>
</tr>
<tr>
<td>15</td>
<td></td>
<td>11'10&quot;</td>
</tr>
<tr>
<td>16</td>
<td></td>
<td>12'6&quot;</td>
</tr>
<tr>
<td>17</td>
<td>3rd Electric</td>
<td>13'6&quot;</td>
</tr>
<tr>
<td>18</td>
<td></td>
<td>14'6&quot;</td>
</tr>
<tr>
<td>19</td>
<td>No Lineset</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Curved Cyc</td>
<td>19'6&quot; at center</td>
</tr>
</tbody>
</table>

All curtains are Burgundy velour
RUDDER THEATRE LIGHTING SPECIFICATIONS

Power:
One 100 amp service located US.

Notes: Disconnect is 3 phase, 5 wire and equipped with Cam-Loks.

Dimmers:
ETC 96 Sensor Racks; 2.4 kW dimmers. All dimmers are hardwired to circuits, and not all are available for show use. All connections are 20A 2P&G (stagepin). See circuit layout below.

Control Board:
ETC Expression III with RFU (connection DSL).

Houselights:
Houselights are on an ETC Unison system with stations in the lighting and sound booths and SL. The booth locations are equipped with Unison Consolette portable stations. It is also possible to run houselights via the light board. Houselights are split into six dimmers. Dimmers: #201-206.

Follow Spots:
Two Lycian 1275 Superstar (1.2 kW) follow spots are located in the control booth located at the rear of the house, at 19'-0" above stage floor and 75'-0" from plaster line.

Lighting Positions and Circuit Locations:

**FOH 1:** Located directly DS of the plaster line are 3 PAR 38s permanently installed. Circuits: #35. (After rep: Zero spare circuits.)

**FOH 2:** Located directly above the moat. Five permanently hung Kliegl 1551 (1 Kw) units in instrument pockets. Very limited focus range. Five circuits: #155-159. (After rep: Zero spare circuits.)

**FOH 3:** Located 41'-0" from plaster line at its most DS point and 19'-6" at the most USL and USR points and 28'-9" above the stage floor. Only true FOH position; follows seating arc. Low hanging FOH speakers make shots near the top of the prosenium arch impossible. Please see ground plan. 34 circuits: #1-34. (After rep: Zero spare circuits.)

**Proscenium pipe:** Located in prosenium arch and 19'-6" from stage floor. Par56 strip lights are permanently rigged across the 47'-0" opening of the proscenium. Listed in rep paperwork as 0a Electric. 20 circuits: #161-180. (Permanently hung; zero spare circuits.)

**Onstage Electrics:** Three electrics on dedicated linesets with permanent raceways. Trim is set on a show by show basis. In order to clear the curved cyc, the battens get progressively shorter going US. (See ground plan for more information.) Electrics are hung 0'-7" below raceway. The 1st Electric has 32 circuits, the 2nd Electric has 24 circuits, and the 3rd Electric has 17 circuits. Position of each electric from plaster line and circuit layout is as follows:

<table>
<thead>
<tr>
<th>Electric</th>
<th>Distance from PL</th>
<th>Circuits:</th>
<th>Spares after rep:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Elec</td>
<td>1'-8&quot;</td>
<td>#37-68</td>
<td>1</td>
</tr>
<tr>
<td>2 Elec</td>
<td>11'-5&quot;</td>
<td>#69-92</td>
<td>5</td>
</tr>
<tr>
<td>3 Elec</td>
<td>15'-5&quot;</td>
<td>#93-109</td>
<td>0</td>
</tr>
</tbody>
</table>

**On Deck Circuits:** There are 8 floor pockets located evenly US/DS in both wings, with 4 circuits per pocket. (After rep: 32 spare circuits.)
Equipment Inventory:

Instrument Inventory:
Please note the majority of our units are used in our rep plot. Schedule and time permitting, some gear may be borrowed from other spaces in the complex. Please let us know at the earliest convenience if this needs to occur.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>PAR 64: Most WFL, others available (1Kw)</td>
</tr>
<tr>
<td>34</td>
<td>ETC Source 4 bodies (575w)</td>
</tr>
<tr>
<td>34</td>
<td>ETC Source 4 19 degree lens tubes</td>
</tr>
<tr>
<td>27</td>
<td>ETC Source 4 PAR: Full lens kits</td>
</tr>
<tr>
<td>9</td>
<td>ETC Source 4 PARnels</td>
</tr>
<tr>
<td>34</td>
<td>Altman 6X12 (575w)</td>
</tr>
<tr>
<td>21</td>
<td>Altman 6X9 (575w)</td>
</tr>
<tr>
<td>5</td>
<td>Kliegl 1551 ERS (1 Kw)</td>
</tr>
<tr>
<td>24</td>
<td>Kliegl Scoops (1 Kw)</td>
</tr>
</tbody>
</table>

Cable Inventory:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>5’ 2P&amp;G</td>
</tr>
<tr>
<td>15</td>
<td>10’ 2P&amp;G</td>
</tr>
<tr>
<td>10</td>
<td>25’ 2P&amp;G</td>
</tr>
<tr>
<td>13</td>
<td>50’ 2P&amp;G</td>
</tr>
<tr>
<td>13</td>
<td>100’ 2P&amp;G</td>
</tr>
<tr>
<td>10</td>
<td>Twofers</td>
</tr>
<tr>
<td>5-10</td>
<td>Edison/2P&amp;G adapters</td>
</tr>
</tbody>
</table>

Accessories:
A fair number of template holders (A, B, and glass for Source 4s; B-size for Altmans), Source 4 drop-in irises, donuts, side arms, boom bases, floor mount bases, and lengths of pipe are available upon request.

Sound System:

Sound system is a LRC stereo with subwoofer using EV SX 500 speakers, Crown amplifiers, and Soundcraft Si Expression 3 digital console. The system has a 2 monitor mix capability. More monitor feeds available upon request. Clear-Com Headset System-Available to all control positions. In House Program-To dressing rooms and all control positions. Dressing Room Page available from DSL. Selection of microphones available.