Carolina Theatre of Durham, Inc
309 West Morgan Street,
Durham, NC 27701
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As of December 10th, 2019
Compiled by Carl Wetter, Senior Technical Manager
Thank you for considering The Carolina Theatre of Durham for your next event. We are a full service performing arts center serving the Durham/Raleigh/Chapel Hill market. The entire facility can hold up to 1700 people between 5 event spaces and 2 lobbies. Our professional staff can provide support for your event in all areas. In-house rental equipment is available at competitive rates.

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EVENT SPACES:

Fletcher Hall

Fletcher Hall is the main event space of the Carolina Theatre. It can seat up to 1055 people between the orchestra level (505) and 2 balconies (1st: 295, 2nd: 255).

Cinemas

Cinema 1 and Cinema 2 are primarily used as movie theaters, they may be utilized to host other events. Both venues have a stage forward of their projection screen, and a small built in PA system. Cinema 1 also has a small theatrical lighting package. Cinema 1 has 226 seats including 8 next to the 7 wheelchair accessible spaces; Cinema 2 has 49 including 4 next to the 4 wheelchair accessible spaces.

Kirby Lobby

Kirby lobby is the primary entranceway and egress for the Carolina Theatre. It contains a concession stand, a merchandise area and several spaces for booth style advertising and presentation.

Connie Moses Ballroom

CMB is located one floor above Kirby Lobby adjacent to the 1st balcony seating in Fletcher Hall and has a beverage/concessions area. During most live events it is used as lobby space for concession sales, and is large enough to accommodate meet and greets, meetings or breakout sessions. It is not rented separately during an event in Fletcher Hall. The space measures 22’ by 48’ (1056 sq. ft), and capacity is up to 125 persons depending on room setup.

Donor Lounge (Upper Ballroom Lobby)

The Donor Lounge is located on the top floor, above Kirby lobby and Connie Moses Ballroom, and is adjacent to the 2nd balcony seating for Fletcher Hall. During most live events it is used as private area for donors and VIP’s. The space measures 22’ by 48’ (1056 sq. ft) and has a beverage/concessions area. Capacity is up to 125 depending on room setup.

Cinema Lobby

The Cinema Lobby is directly adjacent to a second floor exterior door as well as the main hallway of the Durham Civic Center, providing easy access to both locations. It contains its own box
office and concession stand. The lobby is split into 2 sections, separated by our “Carolina” arch. The lobby can be set up for merchandise, convention style booth space or even extra concessions.

**FLETCHER HALL TECHNICAL SPECIFICATIONS**

Seating Chart
LOADING DOCK AND PARKING

Truck access is provided by a single driveway off Morgan Street leading to a one-bay loading dock. Trucks load directly into enclosed dock with concrete floor, which is 9’ deep by 20’ wide (Trucks are not under cover). Access from dock onto stage is by roll-up door in direct alignment with exterior dock door; door opens onto mid-stage left. The Carolina Theatre does not provide shore power, however running a bus generator is fine with the city.

- Distance from dock bumpers to sidewalk = 40 feet.
- Distance from dock bumpers to street = 48 feet.
- Dock height above driveway = 36 inches.
- Door opening (roll-up) into loading dock = 11’-10” H x 9’-0” W.
- Door opening (roll-up) from dock onto stage = 11’-10” H x 9’-0” W.

Other parking can be on the street (metered Monday through Friday) or in the parking deck directly across the street from the venue.
DISTANCES AND MEASUREMENTS

Proscenium opening:
31'-6" wide
Height: 20'-0" from floor to fixed valance.
Depth: 30'-0" plaster line to back wall.
Apron measures 2'-5" from plaster line to the pit line.

Wing Space:
16' wide SR; SR height restricted (9'-4") first 6' from wall.
16' wide SL; no height restrictions.

Offstage right, there is an anteroom that can be utilized as an extension of stage right. **PLEASE NOTE THIS SPACE IS SEVERELY HEIGHT RESTRICTED, ONLY 7'-4" HEIGHT!** Access from the stage right wing is via 2 roll-up doors, each 7'-4" H x 7'-6" W. This adds roughly an additional 400 sq. ft of storage or gathering space. Please note that this space also serves as the only access from the dressing rooms and green room to the stage via a separate “man” door.

Vertical Measurements: All vertical heights are plumb lines above finished floor. All angles and distance measurements are scaled from building blueprints. All measurements for the stage are scaled from the centerline of the building at the appropriate elevation lines on the floor at the proscenium opening.

Measurements (average) from Deck to:
- Grid 48'-10"
- Pipe full out/working height 48'-0"
- Pipe travel 44'-0"
- Pipe at normal trim (goods) 24'-0"
- Bottom soft goods full out 23'-4"
- Electrics at normal trim 21'-10"
- Bottom of border at trim 18'-0"
- Pipe all the way in 4'-0"
- Bottom Fixed Valence 18'-8"
- Bottom Main Curtain full out 20'-8"

Orchestra Pit: Our orchestra pit is mobile vertically via hydraulic motorized screw jacks. It may be positioned at basement level, orchestra level or stage level. This space can be used for performances or as part of the audience seating area. **The pit at stage level will create line of sight issues for the first two rows of seats.**
Measurements:

a - 33’-8”
b - 12’ from apron, 14’-5” from plaster line
c - 10’-10” from apron, 12’-15” from plaster line
d - 22’-7”

Apron measures 2’-5” from plaster line to pit line (d).
Basement level shelf measures 5’ from back wall to pit line (d).

Seating Distances:
Back of orchestra to stage is 72’ (FOH mix position)
Back of first balcony to stage is 82’.
Back of second balcony to stage is 117’.

Lighting Instrument Throw:
House positions (electrics) are available on both balcony rails and the cove position.

<table>
<thead>
<tr>
<th>Position</th>
<th>Distance to DC/Plaster Line</th>
<th>Throw Angle</th>
<th>Distance to Front of Pit (Raised)</th>
<th>Height above Orchestra Floor</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Balcony</td>
<td>46’ – 0”</td>
<td>28 degree</td>
<td>32’ – 0”</td>
<td>13’ – 6”</td>
</tr>
<tr>
<td>2nd Balcony</td>
<td>66’ – 0”</td>
<td>40 degree</td>
<td>55’ – 6”</td>
<td>33’ – 2”</td>
</tr>
<tr>
<td>FOH Cove</td>
<td>64’ – 0”</td>
<td>60 degree</td>
<td></td>
<td>51’ – 5”</td>
</tr>
</tbody>
</table>
PROJECTION
Fletcher Hall is equipped for digital HD and DCP projection:
- Digital Projection Titan HD700 (1080p), 1st balcony rail (10k lumens)
- NEC NC2000c DCP Projector, Projection Booth (18,300 lumens)

HD projector inputs can include DVI, HDMI, RGB, S-Video and SDI connections

Projection Throw:
Digital Projection Titan (1st Balcony) to House Screen: 49’
Projection Booth (DCP) to House Screen: 87’

Movie Screens:
There is one (1) permanent movie screen for Fletcher Hall; the actual screen is 15’-2” by 31’-6” stretched on a metal frame flown on lineset 2. The batten trims out at 22’-6”. The screen has frame border surrounding it, visible portion is 15’-2”H by 31’-0”W. The bottom of screen sits 48½” above deck.

The top and bottom of the masking are fixed, details as follows are:

<table>
<thead>
<tr>
<th>Type</th>
<th>Aspect Ratio</th>
<th>Height</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum</td>
<td></td>
<td>15’- 2” fixed</td>
<td>31’- 0”</td>
</tr>
<tr>
<td>Scope</td>
<td>2.35</td>
<td>15’- 2” fixed</td>
<td>27’- 6”</td>
</tr>
<tr>
<td>Beta/Video</td>
<td></td>
<td>15’- 2” fixed</td>
<td>21’- 8”</td>
</tr>
<tr>
<td>Flat</td>
<td>1.85</td>
<td>15’- 2” fixed</td>
<td></td>
</tr>
<tr>
<td>Academy</td>
<td>1.37</td>
<td>15’- 2” fixed</td>
<td>20’- 2”</td>
</tr>
<tr>
<td>TV</td>
<td>1.33</td>
<td>15’- 2” fixed</td>
<td></td>
</tr>
<tr>
<td>Minimum</td>
<td></td>
<td>15’- 2” fixed</td>
<td>19’- 0”</td>
</tr>
</tbody>
</table>

A second projection screen is located on Lineset #19, about 14’ upstage from the proscenium. It measures 16’ wide x 9’ high and is capable of front and rear projection. In addition, the cyclorama can also be used as a projection surface. *For these surfaces, it is important to keep in mind that the higher the image is off the ground or the further upstage it is, the less patrons in the 2nd balcony can see of it! Below you can see the cyc and the screen being used:
**Fletcher Cinema Audio:**

Audio for digital content needs can be routed through the house PA system, or through the cinema system, depending on performance needs. DCP audio is routed through the cinematic system only.

Fletcher Hall’s cinema audio system consists of 3 JBL 4638TH two-way speakers, 2 JBL 4642A dual 18” subwoofers and a number of surround speakers utilizing University Sound MC12a coaxial speakers. All the Fletcher Hall JBL cinematic speakers and subwoofers are powered by QSC PLX series amplifiers, processed by a United Sound Labs JSD-80 and located behind the main movie screen. The surround speakers are powered by a QSC PLD 4.2 amplifier, processed by the United Sound Labs JSD-80 and located in key spaces inside Fletcher Hall.

In the booth, cinema audio is monitored using a Smart Cinema Showman 4.

**Assisted Listening and Descriptive Audio:**

For patrons who are hearing and/or visually impaired, the Carolina can provide:
- Telex Sound Mate AAT-2, on channel A, (beltpack receiver and ear piece)
- QSC IRH-280 Headphones (headphones receive program or descriptive audio over infrared)*
- QSC CCR-100 Closed Caption Display*
- Neck worn induction loop for patrons with hearing devices

*These items are dependent on cinema program content; not all movies are programmed with descriptive audio and/or closed captioning.

**Video Interfaces:**

The DP Titan is interfaced with a Roland V1-SDI switcher, which can take either SDI or HDMI inputs. This is located in the audio booth. Please let us know if you need to connect directly to the projector.

The NEC NC2000c cannot be interfaced with directly. Use of this projector requires either a DCP format (or a movie format which can be converted to DCP) or a Blu-ray disc. An occasional exception can be made playing content using a computer. Blu-ray and computer content utilize an Extron 4x4 DXP Matrix Switcher (1080p resolution, HDMI interface).
HOUSE ELECTRICS

The Carolina has a house plot that can be adapted to your needs. Onstage are five overhead electrics, the fifth dedicated for cyc lighting. A house plot is included in this package.

Lighting:
The Control Booth is located in the rear of the orchestra level.
- ETC ION console, with fader wing and 2 Monitors.
- System is configured dimmer per circuit.
- House lights are operable by UNISON architectural system, and are programmed into the house console.

<table>
<thead>
<tr>
<th>Circuit No.</th>
<th>Location</th>
<th>Rated</th>
<th>No. of Circuits</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 – 33</td>
<td>FOH ceiling cove</td>
<td>20-amp ea.</td>
<td>33</td>
</tr>
<tr>
<td>34 - 37</td>
<td>First Balcony rail (dimmable edisons/6-plexes)</td>
<td>20-amp ea. 50 amp (stage pin)</td>
<td>4</td>
</tr>
<tr>
<td>38 – 49</td>
<td>Second Balcony rail</td>
<td>20-amp ea.</td>
<td>12</td>
</tr>
<tr>
<td>50-73</td>
<td>House Right Box Booms</td>
<td>20-amp ea.</td>
<td>23</td>
</tr>
<tr>
<td>74-97</td>
<td>House Left Box Booms</td>
<td>20-amp ea.</td>
<td>23</td>
</tr>
<tr>
<td>98-124</td>
<td>First Electric</td>
<td>20-amp ea.</td>
<td>24</td>
</tr>
<tr>
<td>125-151</td>
<td>Second Electric</td>
<td>20-amp ea.</td>
<td>28</td>
</tr>
<tr>
<td>152-178</td>
<td>Third Electric</td>
<td>20-amp ea.</td>
<td>28</td>
</tr>
<tr>
<td>179-205</td>
<td>Fourth Electric</td>
<td>20-amp ea.</td>
<td>25</td>
</tr>
<tr>
<td>206-223, 265-272</td>
<td>Fifth Electric</td>
<td>20-amp ea.</td>
<td>12</td>
</tr>
</tbody>
</table>

Circuits: location # of rated

Box Boom SR 12 20 amp each
Box Boom SL 12 20 amp each
SL Pin Rail 50 20 amp
SR Pin Rail 40 20 amp
SL Proscenium 4 20 amp
SR Proscenium 4 20 amp
US Right 6 20 amp 1-50 amp
US Center 6 20 amp 1-50 amp
US Left 6 20 amp
Orchestra Pit 2 20 amp
Light Instruments:
Normal house plot includes all in house instruments and cyc lights. Default plot configured to accommodate a two-color front, three down and two high side washes.

<table>
<thead>
<tr>
<th>No.</th>
<th>Type of Unit</th>
<th>Brand</th>
<th>Watts</th>
<th>Lamp</th>
<th>Frame size</th>
</tr>
</thead>
<tbody>
<tr>
<td>45</td>
<td>10 Degree ellipsoidal</td>
<td>Colortran</td>
<td>1000</td>
<td>FEL</td>
<td>10 x 10</td>
</tr>
<tr>
<td>24</td>
<td>15 Degree ellipsoidal</td>
<td>Colortran</td>
<td>1000</td>
<td>FEL</td>
<td>7.5 x 7.5</td>
</tr>
<tr>
<td>24</td>
<td>20 Degree ellipsoidal</td>
<td>Colortran</td>
<td>1000</td>
<td>FEL</td>
<td>7.5 x 7.5</td>
</tr>
<tr>
<td>15</td>
<td>14 Degree Colorsource Spot</td>
<td>ETC</td>
<td>~575</td>
<td>~LED</td>
<td>7.5 x 7.5</td>
</tr>
<tr>
<td>61</td>
<td>6x9 40 Degree ellipsoidal (2 swappable 50 Deg. lense)</td>
<td>Altman</td>
<td>575</td>
<td>FLK</td>
<td>7.5 x 7.5</td>
</tr>
<tr>
<td>18</td>
<td>6x12 30 Degree ellipsoidal</td>
<td>Altman</td>
<td>575</td>
<td>FLK</td>
<td>7.5 x 7.5</td>
</tr>
<tr>
<td>55</td>
<td>PAR 64</td>
<td></td>
<td>1000</td>
<td></td>
<td>10 x 10</td>
</tr>
<tr>
<td>7</td>
<td>3 Circuit cyc strips, 2 cells per circuit</td>
<td>LEE Colortran</td>
<td>1000</td>
<td>FCM</td>
<td>10 x 14</td>
</tr>
<tr>
<td>6</td>
<td>4 Circuit cyc strips, 1 cell per circuit</td>
<td>LEE Colortran</td>
<td>1000</td>
<td>FCM</td>
<td>10 x 14</td>
</tr>
<tr>
<td>5</td>
<td>Color Force 2, 72-inch Strip</td>
<td>Chroma-Q</td>
<td>B.A.F.</td>
<td>~LED</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Two (2) - 2000 Watt Xenon Super Trouper Followspots – shoot from bubble in ceiling above 2nd balcony, center position.

Miscellaneous Equipment:
- 24 12” Double side arms
- 10 10’ Booms and bases
- 8 Clip lights
- 2 50’ Stage pin cables
- 8 25’ Stage pin cables
- 10 10’ Stage pin jumpers

Power
(2x) 400A 3Y/208VAC disconnects located stage left adjoining each other.
These are fed separately from the 100A & 200A power listed below, and are on the same power grid as the dimmers. Ties in with bare tails.
(1x) 100A 3Y/208VAC disconnect located stage left, downstage of above. (on facility power grid)
Ties in with 3 phase cam-lock
(1x) 200A 3Y/208VAC disconnect located outside near stage entrance and loading dock. (on facility power grid)

There are 2 220v/20amp single phase circuits on the 1st balcony. L620 connectors.
**GOODS & RIGGING**

- 37 double purchase line sets on T-Track.
- Locking rail is located SR, 12' above deck.
- Maximum working height of battens is 48'- 2"
- 42'-0" Battens (x29) rated for 1000 lbs. capacity with 5 lift lines.
- Arbors rated for 2000 lbs. each.
- 8 Battens are extended 2’-0” per side (46’-0” overall length).
- Pin Rail galleries SL and SR 29'- 6” above deck for spot rigging.
- Loading bridge SR 34'- 4” above deck.
- Main Curtain flies and travels.
- Midstage traveler permanently located LS 20, 16’ upstage of the proscenium.
- Movie screen permanently located LS 2, 2’-8” upstage of the proscenium.
- See attached line schedule for details.

**Soft Goods:**

<table>
<thead>
<tr>
<th>Qty.</th>
<th>Description</th>
<th>Height</th>
<th>Width</th>
<th>Weight</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Main Curtain</td>
<td>2 x 23’</td>
<td>26’</td>
<td></td>
<td>Flies &amp; travels</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Majestic – burgundy</td>
</tr>
<tr>
<td>1</td>
<td>Midstage Traveller</td>
<td>2 x 25’</td>
<td>24’</td>
<td></td>
<td>Flies &amp; travels</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Majestic- black</td>
</tr>
<tr>
<td>1</td>
<td>Blackout</td>
<td>24’</td>
<td>42’</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Black Scrim – Sharkstooth</td>
<td>24’</td>
<td>42’</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>White Scrim – Sharkstooth</td>
<td>24’</td>
<td>42’</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Seamless Cyclorama</td>
<td>24’</td>
<td>42’</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Bounce</td>
<td>24’</td>
<td>42’</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 pr.</td>
<td>Legs</td>
<td>23’</td>
<td>12’</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Borders</td>
<td>6’</td>
<td>42’</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### CAROLINA THEATRE -- LINESET SCHEDULE

<table>
<thead>
<tr>
<th>LINE SET #</th>
<th>DESIGNATED USE</th>
<th>Weight</th>
<th>DISTANCE FROM PROSCENIUM</th>
<th>BATTEN LENGTH</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>FC</td>
<td>FIRE CURTAIN</td>
<td></td>
<td></td>
<td></td>
<td>PERMANENT</td>
</tr>
<tr>
<td>HC</td>
<td>HOUSE CURTAIN</td>
<td></td>
<td></td>
<td></td>
<td>PERMANENT</td>
</tr>
<tr>
<td>1</td>
<td>BLACK BORDER/LEGS</td>
<td>330</td>
<td>1'-8&quot;</td>
<td>48' ladder</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>MOVIE SCREEN</td>
<td></td>
<td>2'-7&quot;</td>
<td>44'-0&quot;</td>
<td>PERMANENT</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td>3'-3&quot;</td>
<td>44'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>FIRST ELECTRIC</td>
<td>1450</td>
<td>4'-0&quot;</td>
<td>48' ladder</td>
<td>Semi-permanent</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
<td>4'-11&quot;</td>
<td>44'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td></td>
<td></td>
<td>5'-6&quot;</td>
<td>44'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>BLACK BORDER</td>
<td>100</td>
<td>6'-0&quot;</td>
<td>44'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>BLACK LEGS</td>
<td>140</td>
<td>6'-6&quot;</td>
<td>48' ladder</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>BLACKOUT</td>
<td>240</td>
<td>7'-1&quot;</td>
<td>44'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td></td>
<td></td>
<td>7'-9&quot;</td>
<td>44'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>SECOND ELECTRIC</td>
<td>1320</td>
<td>8'-9&quot;</td>
<td>48' ladder</td>
<td>Semi-permanent</td>
</tr>
<tr>
<td>12</td>
<td></td>
<td></td>
<td>9'-7&quot;</td>
<td>44'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>BLACK BORDER</td>
<td>100</td>
<td>10'-3&quot;</td>
<td>44'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>BLACK LEGS</td>
<td>100</td>
<td>11'-0&quot;</td>
<td>48' ladder</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td></td>
<td></td>
<td>11'-8&quot;</td>
<td>44'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td></td>
<td></td>
<td>12'-8&quot;</td>
<td>44'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>THIRD ELECTRIC</td>
<td>1190</td>
<td>13'-6&quot;</td>
<td>48' ladder</td>
<td>Semi-permanent</td>
</tr>
<tr>
<td>18</td>
<td></td>
<td></td>
<td>14'-3&quot;</td>
<td>44'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>PROJECTION SCREEN</td>
<td></td>
<td>15'-0&quot;</td>
<td>44'-0&quot;</td>
<td>16'x9', front and rear capable</td>
</tr>
<tr>
<td>20</td>
<td>MIDSTAGE TRAVELER</td>
<td>1260</td>
<td>15'-10&quot;</td>
<td>48' ladder</td>
<td>PERMANENT</td>
</tr>
<tr>
<td>21</td>
<td>BLACK BORDER</td>
<td>100</td>
<td>16'-3&quot;</td>
<td>44'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>BLACK LEGS</td>
<td>140</td>
<td>16'-8&quot;</td>
<td>48' ladder</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td></td>
<td></td>
<td>17'-7&quot;</td>
<td>44'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td></td>
<td></td>
<td>18'-8&quot;</td>
<td>44'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>FOURTH ELECTRIC</td>
<td>1310</td>
<td>19'-7&quot;</td>
<td>48' ladder</td>
<td>Semi-permanent</td>
</tr>
<tr>
<td>26</td>
<td></td>
<td></td>
<td>20'-1&quot;</td>
<td>44'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td></td>
<td></td>
<td>20'-10&quot;</td>
<td>44'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>BLACK BORDER</td>
<td>100</td>
<td>21'-5&quot;</td>
<td>44'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>BLACK LEGS</td>
<td>140</td>
<td>22'-3&quot;</td>
<td>48' ladder</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>OLD BLACKOUT</td>
<td>240</td>
<td>23'-3&quot;</td>
<td>44'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>BLACK SCRIM</td>
<td>120</td>
<td>24'-0&quot;</td>
<td>44'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>CYC</td>
<td>160</td>
<td>24'-9&quot;</td>
<td>44'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>FIFTH ELECTRIC</td>
<td>1130</td>
<td>25'-3&quot;</td>
<td>48' ladder</td>
<td>Semi-permanent</td>
</tr>
<tr>
<td>34</td>
<td></td>
<td></td>
<td>26'-1&quot;</td>
<td>44'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td></td>
<td></td>
<td>27'-5&quot;</td>
<td>44'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>WHITE SCRIM</td>
<td>120</td>
<td>27'-9&quot;</td>
<td>44'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>37</td>
<td>BOUNCE</td>
<td>280</td>
<td>28'-1&quot;</td>
<td>44'-0&quot;</td>
<td></td>
</tr>
</tbody>
</table>
Ladders and Lifts:

1 - 4’ Fiberglass
1 - 6’ Fiberglass
1 - 8’ Fiberglass
2 - 14’ Fiberglass
1 - 24’ Genie lift

SOUND SYSTEM

The sound system has five components:

- Sound reinforcement/playback
- Intercommunications
- Paging and signal
- Assisted listening via RF (Telex)
- Film

Sound Reinforcement:

The sound reinforcement capability of our system is partially appropriate for amplified concerts. Additional equipment can be provided or rented depending on the needs of the performance. Mix position is located inside a booth in the back of the house, orchestra level. Road/production mixing position can be located rear of orchestra, house right, under balcony. These positions cannot be moved. A decibel meter may be provided to ensure a level of 94dba in house at mix position. There are 28 analog inputs located in different locations on stage and in the house, plus 32 digital inputs using the venues stage boxes.

Processing and Rack Gear:

1 Yamaha M7CL Digital Mixer, 48 inputs. (Input/ Output patch in sound booth)
1 Yamaha Rio 1608-D 16 input 8 output digital stage box
2 Yamaha Rio Ri8-D 8 input digital stage box
Meyer Galileo DSP
1 third-octave graphic equalizers (Ashley Protea 4.24g in stereo)
4 Altec 1431a 31 band 1/3 octave eq, patchable
Mac Mini; hosts Meyer Compass and Qlab

Microphones:

4 Shure Wireless microphones (can be handheld or lavaliers)
5 Shure SM57 cardioid microphones
1 Shure SM58 cardioid microphones
3 Shure Beta SM58A microphones
6 Shure SM63 omni-directional microphones
3 Shure SM102B condenser microphones
3 Shure MX202B condenser microphones
3 Crown PCC 160 floor-mounting microphones
3 Audio Technica Pro 37 condenser microphones
2 Shure KSM 32 large diaphragm condenser microphones
Microphone Stands:
- 9 Adjustable floor mic stands
- 12 tripod mic stands w/boom
- 4 tripod short mic stands w/boom
- 12 Table mic stands

Speakers:
- FOH:
  - Meyer M'elodie Line Array, 20 boxes, 10 per side, permanently hung
  - 4 Meyer 700HP subwoofers, 2 per side.
  - 2 Meyer UPA-1P’s, 1 per side.
    These provide clarity to the seating underneath the box seats.
  - 3 Meyer M1D’s, front fills
  - All speakers are processed by a Meyer Galileo 616

- Monitors:
  - 2 Yamaha S155h-II speakers monitor sidefills, flown
  - 2 Yamaha S155h-II speakers (sidefill monitors)
    Monitor speakers are powered by QSC amplifiers

Intercom System:
- Telex US-2000 headset system w/8 belt packs and single muff headsets.

Paging and Program Feeds:
- Selectable to dressing rooms, lobbies and ballrooms

Assisted Listening:
- Telex Sound Mate AAT-2, on channel A

Film Projection:
- Fletcher Hall’s cinematic audio system consists of 3 JBL 4638\textsuperscript{TH} two-way speakers and 2 JBL 4642A dual 18 subwoofers, powered by QSC PLX amplifiers and processed by a United Sound Labs JSD-80.
  See the PROJECTION section above.

Other Audio:
- Soundcraft Ui16 remote controlled digital mixer; used primarily for ballrooms.
DRESSING ROOMS AND WARDROBE

There are 5 dressing rooms backstage of Fletcher Hall. All dressing rooms have vanity mirrors, lights and showers. Each dressing room is wheelchair accessible. In addition, there is a Green Room with kitchenette available for use during events.

<table>
<thead>
<tr>
<th>Room Type</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Principal/Star</td>
<td>1 - 4 people</td>
</tr>
<tr>
<td>1 Quad</td>
<td>4 - 6 people</td>
</tr>
<tr>
<td>2 Chorus</td>
<td>20 - 25 people</td>
</tr>
<tr>
<td>Green Room</td>
<td>15 people</td>
</tr>
</tbody>
</table>

The wardrobe/costume room contains a washing machine and a dryer, 2 ironing boards, irons, 2 steamers and 2 mobile clothing racks.

KIRBY LOBBY

Kirby Lobby is the primary entranceway and egress for the Carolina Theatre. It contains a concession stand, a merchandise area and several spaces for booth style advertising and presentation.

CONNIE MOSES BALLROOM

CMB is located one floor above Kirby Lobby adjacent to the 1st balcony seating in Fletcher Hall, and during most live events is used as lobby space for concession sales. It is large enough to accommodate meet and greets, meetings or breakout sessions. The room is not rented separately during an event in Fletcher Hall. The space is 22' by 48' (1056 sq. ft) and has a beverage/concessions area. Capacity is up to 125 persons depending on room setup.

DONOR LOUNGE (UPPER BALLROOM LOBBY)

The Donor Lounge is located on the top floor, above Kirby lobby and Connie Moses Ballroom, and is adjacent to the 2nd balcony seating in Fletcher Hall. During most live events it is used as private area for donors and VIP’s. The space is 22’ by 48’ (1056 sq. ft) and has a beverage/concessions area. Capacity is up to 125 depending on room setup.
CINEMA 1 AND CINEMA 2

Though the cinemas are primarily used as movie theaters, they may be utilized to host other events. Both venues have a stage forward of their projection screen, and a small built in PA system. Cinema 1 also has a small theatrical lighting package.

Seating:
Cinema 1 has 226 seats including 8 next to the 7 handicaps spaces.
Cinema 2 has 49 seats including 4 next to the 4 handicap seats.

Lighting:
Lighting for both venues is controlled via an ETC Unison system. If necessary, we can provide a lighting console for more control of the theatrical lighting in Cinema 1.

Sound:
Cinemas 1 and 2 each use 3 JBL 3732 three-way cinema speakers, a single JBL 4642a dual 18” subwoofer, several JBL 8320 cinema surround speakers. Cinema 1 is processed by a QSC DCP 100, and a USL, Inc JSD-80 (for content on 35mm film). Cinema 2 is processed by USL, Inc. JSD-80. Speakers are crossed over with USL, Inc. XTA-300’s and powered with QSC PLX series amplifiers while the surrounds are powered with Crown CTs 8200 amplifiers.

Speakers in both cinemas (except for the surrounds) are mounted behind the movie screens.

Both Cinema 1 and 2 utilize Dolby Model DA-20 Digital Film Sound Processors. Cinema 1 audio is monitored in the booth using a Smart MN586 and Cinema 2 utilizes a Smart Cinema Showman 4.

Soundcraft Ui16 remote controlled digital mixer, for PA/Live events. Each venue has 4 channels wired into the stage in front of the movie screens

Projection:
Cinema 1:
35mm Kni-Tron L-2000 projector and a Strong Platter System.
NEC NC2000C (18300 lumens)
Kramer VS-42HN Matrix Switcher
Extron HAE audio de-embedder

Cinema 2:
NEC NC1200C (9300 lumens)
Extron DXP Matrix Switcher
Kramer FC-46xl audio de-embedder
Both houses use separate GDC servers for DCP content. Other digital content can be shown using in house Sony and/or Panasonic Bluray players; other content and media players can be utilized using spare HDMI inputs on the matrix switchers.

**Screen dimensions:**
The screens are perforated to be acoustically transparent

**Cinema 1:**
- Visible screen at full open position (2.35:1) 35' W x 15' H
- Visible screen fully masked (1.33:1) 21' W x 15' H
- Throw Distance: 67'

**Cinema 2:**
- Visible screen at full open position (2.35:1) 18'-6" W x 8'-7" H
- Visible screen fully masked (1.33:1) 12' W x 8'-7" H
- Throw Distance: 46'

As stated above, **Fletcher Hall** also has similar projection and cinematic audio equipment:
- Visible screen at full open position (2.35:1) 31' W x 15'-2" H
- Visible screen fully masked (1.33:1) 19' W x 15'-2" H
- Throw Distance: 87'

**CINEMA LOBBY**

The Cinema Lobby is directly adjacent to a second floor exterior door as well as the main hallway of the Durham Civic Center, providing easy access to both locations. It contains its own box office and concession stand. The lobby is split into 2 sections, separated by our “Carolina” arch. The entrance section can be set up for merchandise, convention style booth space or even extra concessions. The cinema entrances side also has some space available for potential booth or merchandise.

**PLAZA**

The plaza in front of the Carolina Theatre is operated by the Durham Civic Center through Spectra.

**SECURITY**

Security can be administered through the Carolina Theatre as needed for any event, and is provided by Staff One, Inc. Rental fees may apply.