Technical Information for

Lydia Mendelssohn Theatre

Version current as of September 2019

VENUE ADDRESS
911 N. University Ave.
Ann Arbor, MI 48109-1265

MAILING ADDRESS
University Productions
128 Michigan League
911 N. University Ave.
Ann Arbor, MI 48109-1265

AUDITORIUM SEATING CAPACITY

<table>
<thead>
<tr>
<th>Section</th>
<th>Capacity</th>
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</thead>
<tbody>
<tr>
<td>Orchestra</td>
<td>386</td>
</tr>
<tr>
<td>Orchestra wheelchair spaces</td>
<td>6</td>
</tr>
<tr>
<td>Orchestra companion seats</td>
<td>8</td>
</tr>
<tr>
<td>Balcony</td>
<td>220</td>
</tr>
</tbody>
</table>

Total capacity (including accessible seating) 620
LOAD-IN ACCESS
Fletcher Street between N. University and Washington Streets. 
(Google address for stage door is 234 Fletcher St.)

Loading Dock Door 9'-8" x 5' (Loading dock door is at street level)
Note: the loading door leads into the trap room where all scenery must be lifted to stage level via a center stage elevator. After the set is onstage, the elevator is inoperable because the lift platform is part of the stage floor.

ELEVATOR TRAP INFORMATION
Trap dimensions: 7'-10" x 9'-2¼"
Loading platform to stage: 15'-3"
Basement floor to stage: 20'

STAGE SPECIFICATIONS
Proscenium arch width 29'-11"
Proscenium arch height 16'-10"
Depth of stage 28'-3" (plaster line to back wall)
Depth of apron 4'-8" (front of stage to plaster line)
Dimensions of orchestra pit 4'-2" x 21'-5" (50-⅛" below stage level)
Note: Orchestra pit changes in width according to the curvature of the stage apron. Please reference the ground plan for more details.
Stage floor - Masonite, painted black

RIGGING
Single purchase manual counterweight system
Number of line sets 29
Height of grid from stage floor 37'-4"
Highest batten can be flown 35'-5" (Electrics 33')
Lowest batten can be flown 5' (Electrics 3'-10”)
Distance from back wall to last set 4'-6"
Minimum pipe length 36'-6"
Arbor capacity 500lbs/226kg
Weight Information Information Full weight - 19 lbs, 1 ½” tall
1/2 weight - 12 lbs, 1” tall
House additional weights 106 full @19 lbs = 2014 lbs
104 half @12 lbs = 1248 lbs
Note - no weight loading gallery - all loading must be at stage level
SOFT GOODS
House Curtain - Red, manual guillotine with split in the center, no traveler
House Masking Hang (all draperies are black velour)
   One (1) Teaser 34’w x 17’, 6”h (line set #2)
   Two (2) pair legs 8’w x 22’h (line sets #6 and #20)
   Two (2) travelers 16’w x 22’h (line sets #13 and #27)
   Three (3) borders 40’w x 7’h (line sets #12, #19 and #26)

Sidetabs - Two (2) dead hung traveler tracks, SL & SR, running US/DS at 19’ from center w/two (2) pieces each 27’w x 22’h

Additional drapery
   Four (4) legs: 8’w x 17’h
   Two (2) borders: 7’h x 40’w
   Four (4) travelers: 19’w x 17’h
   One (1) scrim, black sharkstooth: 28’w x 16’h
   One (1) scrim, black sharkstooth: 30’w x 16’h
   One (1) scrim, white sharkstooth: 30’w x 16’h
   One (1) scrim, black sharkstooth: 39’w x 24’h
   One (1) painted drop: 30’w x 16’h (mimics design of proscenium)

COMPANY SWITCHES
110/208v 3 phase 5 wire - One (1) 200 amp disconnect in SR Flyloft
   Note - Access to this power is ONLY via 400 amp locking Cam Locks

120/240v Single phase 4 wire - One (1) 60 amp outlet located Downstage Right
   Note - Access to this power requires a NEMA 15-60 Plug

120v Single phase 3 wire - One (1) 50 amp outlet located Downstage Right
   Note - Access to this power requires a 60 amp 2PNG Plug

LIGHTING SYSTEM
Lighting Control
   One (1) ETC Ion w/ 2x20 fader wing (w/ two (2) non touch screen displays)
   One (1) ETC (Operating System 2.7.2) Nomad Puck w/ two (2) touch screen displays
   One (1) ETC Radio focus remote
   ETC Net3 ports located throughout the hall
   Note - The ETC Ion is semi-permanently installed in the stage right light booth. The ETC Nomad Puck is available for use throughout the venue.
Dimmers
One hundred ninety (190) ETC 2.4kW dimmers
One (1) ETC 6kW dimmer (for house light control)
*Note - Any dimmer can be switched with a non-dimming drawer to provide 120v power. Please consult the house technician for further information.*

Front of House
*Units at these positions are permanently mounted.*
Follow Spot Booth (located at center rear of the balcony)
  Two (2) ETC Source Four 10˚ 750w on City Theatrical follow spot yokes

Box Boom #1 SL & SR (each)  Three (3) ETC Source Four 26˚ 575w
  Three (3) ETC Source Four 36˚ 575w
  Three (3) ETC Source Four LED Lustr 2 26˚
  Three (3) ETC Source Four LED Lustr 2 36˚

Box Boom #2 SL & SR (each)  Three (3) ETC Source Four 19˚ 750w
  Three (3) ETC Source Four 26˚ 575w
  Three (3) ETC Source Four LED Lustr 2 19˚
  Three (3) ETC Source Four LED Lustr 2 26˚

Cove #1  Fourteen (14) ETC Source Four LED Lustr 2 19˚
Cove #2  Eight (8) ETC Source Four LED Lustr 2 14˚

Overstage
*Units at these positions may be changed at will, but must be restored at strike.*

#1 Electric (Lineset 3)  Eight (8) ETC Source Four 36˚ 575w
  Eight (8) ETC Source Four PAR WFL 575w
  Two (2) Altman LED Work Lights

#2 Electric (Lineset 4)  Four (4) 6’ ColorBlaze 72 RGB LED Strips

#3 Electric (Lineset 14)  Six (6) ETC Source Four 36˚ 575w
  Two (2) Altman LED Work Lights
  Eight (8) ETC Source Four PAR WFL 575w

#4 Electric (Lineset 15)  Four (4) 6’ ColorBlaze 72 RGB LED Strips

#5 Electric (Lineset 21)  Six (6) ETC Source Four 36˚ 575w
  Eight (8) ETC Source Four PAR WFL 575w

#6 Electric (Lineset 28)  Six (6) ETC Source Four 36˚ 575w
  Eight (8) ETC Source Four PAR WFL 575w
  Two (2) Altman LED Work Lights

#7 Electric (Lineset 29)  Six (6) 6’ ColorBlaze 72 RGBA LED Strips
Additional Lighting Inventory

*This does not include house hang units listed above.*

Eighty One (81) ETC Source Four 575w Bodies
- Fourteen (14) ETC Source Four 14° Lens Tubes
- Twenty One (21) ETC Source Four 19° Lens Tubes
- Forty Five (45) ETC Source Four 26° Lens Tubes
- Twenty Nine (29) ETC Source Four 36° Lens Tubes
- Sixteen (16) ETC Source Four 50° Lens Tubes

Four (4) ETC Source Four PAR 575w (VNSP, NSP, MFL, WFL, XFL lenses available)

Six (6) Color Blaze 72 LED Striplight units

Two (2) ETC Source Four 15°-30° Zoom

Two (2) ETC Source Four 25°-50° Zoom

Accessories

- Two (2) Zytex heat stop panels 18” x 20’
- Six (6) 18” Scenery Bumpers
- Nine (9) 6¼” Color Extenders
- Ten (10) 6¼” Top Hats (48 additional used in house hang)
- Twenty Five (25) 6¼” Half Hats
- Twelve (12) 7½” Barn Doors
- Eight (8) ETC Source Four drop-in iris units
- Thirty-six (36) side arms 18” - 24”
- Five (5) 35 lbs boom bases 1½“ pipe
- Ten (10) 50 lbs boom base 1½” pipe

SOUND SYSTEM

- One (1) Mackie CR1604-VLZ mixer - 16 channel inputs / 6 output
- Three (3) Rane ME15 equalizer
- One (1) audio snake 100’ long, 8 x 4 channels
- Three (3) QSC 1200 amplifiers
- One (1) Marantz cd/cassette PMD 350
- One (1) Technics DA-10 dat tape deck
- Two (2) Denon CD player DN-c615
- One (1) Tascam minidisc player MD 301 MKII

Speakers

- Four (4) Acoustek custom rebuilt, two (2) function as main PA
- Six (6) EV S40B speakers
- Four (4) Klipsch HIP, two (2) used as backstage monitors in house position
**Microphones**

One (1) Audio-Technica 803A lapel microphone  
One (1) Electro-Voice 647CL lavalier  
Four (4) Electro-Voice 635A lo-z microphone  
Two (2) Shure SC4 wireless system, FM lapel or handheld  
Two (2) straight microphone stands  
Six (6) boom stands  
Six (6) Shure SM58 microphones (two w/switch)

**Speaker outlets**

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<thead>
<tr>
<th>Speaker Line #</th>
<th>Location</th>
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<tbody>
<tr>
<td>1 - 2</td>
<td>Proscenium Wall SL</td>
</tr>
<tr>
<td>3 - 4</td>
<td>Proscenium Wall SR</td>
</tr>
<tr>
<td>5</td>
<td>Green Room</td>
</tr>
<tr>
<td>6 - 7</td>
<td>Balcony Face</td>
</tr>
<tr>
<td>8 - 9</td>
<td>Projection Booth</td>
</tr>
<tr>
<td>10 &amp; 12</td>
<td>Upstage Left</td>
</tr>
<tr>
<td>11</td>
<td>Upstage Right</td>
</tr>
<tr>
<td>13 - 14</td>
<td>Trap Room</td>
</tr>
<tr>
<td>15 - 16</td>
<td>Makeup Room</td>
</tr>
<tr>
<td>17 - 18</td>
<td>Orchestra Pit</td>
</tr>
</tbody>
</table>

**COMMUNICATION SYSTEMS**

**Intercom**

One (1) dressing room monitor system w/ dressing room page

**Headset System**

Twelve (12) Beyer DT-108 single muff headsets  
Three (3) Clear-Com CC-75 single muff headsets  
Two (2) Clear-Com KB-112 squawk boxes  
One (1) Clear-Com MR-102  
Two (2) Clear-Com PS-452  
Eleven (11) Clear-Com RS-501 single belt packs  
Three (3) Clear-Com RS-502 double belt packs  
Six (6) Freespeak II wireless double belt packs
**Video**

Two (2) cameras
- One (1) color fixed on balcony rail pointing at the stage
- One (1) black and white - portable (typically used for conductor camera)

Ten (10) monitors
- One (1) located in the lobby, color
- One (1) located in the green room, color
- One (1) located in the light booth, color
- Two (2) located at stage manager’s station SR, 9” black and white
- One (1) located at stage manager’s station SR, 19” Color
- Two (2) portable 23” Color CRT on Cart
- One (1) portable 9” black and white, typically on SR sound platform
- One (1) located in wig and makeup room

**INFORMATION SYSTEM**

Wired - Ethernet 1000 Base-T, located in light booth. Advance arrangements required for access.

Wireless - U-M Wireless on-stage and in the auditorium and main lobby. Please refer to http://www.itdcom.itd.mich.edu/wireless/ for information regarding access and settings.

**DRESSING ROOMS**

**Half Flight Below Stage Level**
Green Room - located off stage right with access from backstage right, auditorium, and lobby.

**One Flight Below Stage Level**
Two (2) Dressing Rooms (one stage right, one stage left) - Partitioned into 4 areas with doors on each area. 3 areas are singles, 1 area is for 4 actors. Each area has a basin w/hot and cold water, mirror w/abundant light. A toilet is also located in each dressing room.

**Two Flights Below Stage Level**
Two (2) Dressing Rooms (one stage right, one stage left) - seating and mirrors for 13 performers, a shower, 3 basins, toilet, and water fountain.

**Two and a Half Flights Below Stage Level**
Wardrobe/Wig Room - located under the stage, half-flight below the trap room.

*There are laundry facilities available in the trap room.*
REMOVABLE SEATING
All of Row A
Rows C & D, seats 1-5 & 18-22
Rows S & T, seats 1-5, for sound mix position

CONFERENCE/LOBBY/BACKLINE EQUIPMENT

Tables
Two (2) 24” x 5’ prop tables
One (1) 24” x 6’ prop table
Two (2) 30” x 4’ prop tables
Three (3) 30” x 5’ prop tables
Two (2) 30” x 6’ prop tables
One (1) 30” x 8’ prop tables

Orchestra Pit
One (1) Boston upright piano (rollable to house level, located in green room)
Twenty-Six (26) music stands
Twenty-Six (26) Chairs
Twenty-Six (26) music stand lights
One (1) electrical snake for music stand lights

Ladders
One (1) 20’ A-frame ladder
One (1) 16’ step ladder, aluminum
One (1) 12’ step ladder, fiberglass
One (1) 8’ step ladder, fiberglass
One (1) 6’ step ladder, fiberglass
One (1) 5’ step ladder, wood
One (1) Genie personnel lift (max platform height 20’ - requires current lift certification)

Miscellaneous Equipment
One (1) full-sized refrigerator - located in trap room
One (1) Walnut lectern with adjustable height and clock
One (1) 9’ x 12’ Fastfold screen with front and rear sheets
Some pleated, blue, table skirting is available
<table>
<thead>
<tr>
<th>Line Set #</th>
<th>Distance from Plaster</th>
<th>House Hang</th>
<th>Notes</th>
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<tbody>
<tr>
<td>1</td>
<td>0’-6”</td>
<td>Red Main Curtain</td>
<td>Operated from SR</td>
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<tr>
<td>2</td>
<td>1’-0”</td>
<td>Teaser</td>
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<tr>
<td>3</td>
<td>2’-0”</td>
<td>#1 Electric</td>
<td>Dimmers 54-79</td>
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<td>4</td>
<td>3’-0”</td>
<td>#2 Electric</td>
<td>Dimmers 80-85</td>
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<td>5</td>
<td>3’-5”</td>
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<tr>
<td>6</td>
<td>4’-0”</td>
<td>#1 Legs</td>
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<td>5’-0”</td>
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<td>8</td>
<td>5’-5”</td>
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<td>9</td>
<td>6’-0”</td>
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<td>6’-6”</td>
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<td>7’-0”</td>
<td></td>
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</tr>
<tr>
<td>12</td>
<td>7’-5”</td>
<td>#2 Border</td>
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<td>13</td>
<td>8’-6”</td>
<td>Mid Stage Traveler</td>
<td>Traveler Pull SR</td>
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<td>14</td>
<td>9’-5”</td>
<td>#3 Electric</td>
<td>Dimmers 86-103</td>
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<td>15</td>
<td>10’-6”</td>
<td>#4 Electric</td>
<td>Dimmers 104-109</td>
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<td>12’-0”</td>
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<tr>
<td>18</td>
<td>12’-6”</td>
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<tr>
<td>19</td>
<td>13’-0”</td>
<td>#3 Border</td>
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<tr>
<td>20</td>
<td>13’-6”</td>
<td>#3 Legs</td>
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<td>Dimmers 110-124</td>
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<td>15’-5”</td>
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</tr>
<tr>
<td>23</td>
<td>15’-11”</td>
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<td>24</td>
<td>16’-5”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>17’-0”</td>
<td>#4 Border</td>
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<tr>
<td>26</td>
<td>17’-5”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>17’-11”</td>
<td>Upstage Traveler</td>
<td>Traveler Pull SR</td>
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<tr>
<td>28</td>
<td>19’-4”</td>
<td>#6 Electric</td>
<td>Dimmers 125-136</td>
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<tr>
<td>29</td>
<td>25’-9”</td>
<td>#7 Electric</td>
<td>Curved, SL/SR at +19’-0”</td>
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