State Theatre
805 Hennepin Avenue
Minneapolis, MN 55403

CONTACTS

Jesse Carlson  
Operations Coordinator  
Phone: (612) 373-5663

Christian Gaylord  
Head Carpenter

Amy Nguyen  
Head Electrician

Merritt Benton  
Head Sound Engineer

Gail Nelson  
Chief Operating Officer  
(612) 373-5673

Rick Hansen  
Director of Booking  
(612) 373-5671
LOADING FACILITIES

Load-in Door Size: 6’ ¾” wide x 8’ 8” high
Location: 8th Street between Hennepin and LaSalle
*A police officer is used to control traffic.

Elevator Location: SR
Elevator Door Size: 4’ wide x 7’ high
Elevator Compartment Size: 5’ 4” wide x 8’ 1” high
**Stage Dimensions**

**Proscenium Opening:** 45' 7½" wide x 25' 7" high

**Stage Depth**
- Lip of apron to plaster line: 32"
- Lip of apron to back wall: 35' 9"
- Depth of smoke pocket: 6"
- Curtain line to back wall: 31' 4"
- Apron to curtain line: 39"
- Proscenium wall to back wall columns: 33' 4"
- Lip of stage to FOH: 105'

**Stage Width**
- SR wall to fly floor SL: 82' 5"'
- SL Wing: 11' 5"
- SR Wing: 23' 3"

**Distance from center stage to:**
- Fly floor SL: 34' 5"
- Wall SR: 48'

**Stage Height**
- Stage to Grid: 65' 4"

**Plaster line center stage to:**
- First row of seats: 14' 6"
- First Balcony BB: 64'
- Second Balcony BB: 70'
- Balcony rail center: 59' 10"
- Balcony rail sides: 48'
- Cove position: 62' 9"
- Booth: 134'
FLY SYSTEM & RIGGING

Single Purchase Counterweight System

**Arbor Capacity:** 1,200 pounds; 40,000 pounds available

**Number of line sets:** 60, 6-line sets in 32’ of fly space

**Length of pipes:** 57’

**Stage to grid:** 65’ 4”

**Maximum fly height:** 62’ 10”

**Distance from curtain to first set of lines:** 7’

**Distance from curtain to last set of lines:** 30’ 8½”

**Lockrail:** Stage Level (SL)

**Pin Rails:** 31’ 2” above stage floor left and right

5/8 rope sheaves, 7,000’ hemp. (100)

**Number of one ton lodestar chain hoists:** 2

**Soft Goods**

**Teal House Teaser:** 20’ x 60’

**Teal House Curtain:** Hangs 1’ 3” from proscenium wall

**Five Black Borders:** 12’ x 60’

**Five Sets of Black Legs:** 30’ x 13’

**Black Backdrop:** 30’ x 64’

**White Leno Cloth Cyc:** 28’ x 60’

**Black Sharkstooth Scrim:** 28’ x 60’

**Line Plot**

<table>
<thead>
<tr>
<th>Line Set</th>
<th>Distance from Proscenium Wall</th>
<th>Typical Lineplot</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1’ 3”</td>
<td>House Curtain</td>
</tr>
<tr>
<td>2</td>
<td>1’ 10”</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>2’ 4”</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>2’ 10” (muled, pulled between line sets 30 and 31)</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>3’ 4”</td>
<td>1st Electric</td>
</tr>
<tr>
<td>6</td>
<td>4’ 2”</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>4’ 4”</td>
<td>SR Leg</td>
</tr>
<tr>
<td>8</td>
<td>4’ 10”</td>
<td>SL Leg</td>
</tr>
<tr>
<td>9</td>
<td>5’ 5”</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>5’ 11”</td>
<td>Border</td>
</tr>
<tr>
<td>11</td>
<td>6’ 5”</td>
<td>SR Leg</td>
</tr>
<tr>
<td>12</td>
<td>7’ 0”</td>
<td>SL Leg</td>
</tr>
<tr>
<td>13</td>
<td>7’ 6”</td>
<td>Movie Screen</td>
</tr>
<tr>
<td>14</td>
<td>8’ 0”</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>8’ 6”</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>9’ 1”</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>9’ 7”</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>10’ 1”</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>10’ 8”</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>11’ 2”</td>
<td>Border</td>
</tr>
<tr>
<td>21</td>
<td>11’ 8”</td>
<td>SR Leg</td>
</tr>
<tr>
<td>22</td>
<td>12’ 2”</td>
<td>SL Leg</td>
</tr>
<tr>
<td>23</td>
<td>12’ 9”</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>13’ 3”</td>
<td>2nd Electric</td>
</tr>
<tr>
<td>25</td>
<td>13’ 9”</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>14’ 3”</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>14’ 10”</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>15’ 4”</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>15’ 10”</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>16’ 5”</td>
<td>Black Scrim</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Line Set</th>
<th>Distance from Proscenium Wall</th>
<th>Typical Lineplot</th>
</tr>
</thead>
<tbody>
<tr>
<td>31</td>
<td>16’ 11”</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>17’ 5”</td>
<td>Border</td>
</tr>
<tr>
<td>33</td>
<td>18’ 0”</td>
<td>4th Legs</td>
</tr>
<tr>
<td>34</td>
<td>18’ 6”</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>19’ 0”</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>19’ 7”</td>
<td></td>
</tr>
<tr>
<td>37</td>
<td>20’ 2”</td>
<td></td>
</tr>
<tr>
<td>38</td>
<td>20’ 7”</td>
<td></td>
</tr>
<tr>
<td>39</td>
<td>21’ 2”</td>
<td></td>
</tr>
<tr>
<td>40</td>
<td>21’ 8”</td>
<td></td>
</tr>
<tr>
<td>41</td>
<td>22’ 2”</td>
<td></td>
</tr>
<tr>
<td>42</td>
<td>22’ 8”</td>
<td>3rd Electric</td>
</tr>
<tr>
<td>43</td>
<td>23’ 3”</td>
<td></td>
</tr>
<tr>
<td>44</td>
<td>23’ 9”</td>
<td></td>
</tr>
<tr>
<td>45</td>
<td>24’ 3”</td>
<td></td>
</tr>
<tr>
<td>46</td>
<td>24’ 10”</td>
<td></td>
</tr>
<tr>
<td>47</td>
<td>25’ 4”</td>
<td>Border</td>
</tr>
<tr>
<td>48</td>
<td>25’ 10”</td>
<td>5th Legs</td>
</tr>
<tr>
<td>49</td>
<td>26’ 4”</td>
<td></td>
</tr>
<tr>
<td>50</td>
<td>26’ 11”</td>
<td></td>
</tr>
<tr>
<td>51</td>
<td>27’ 5” (muled, pulled after line set 60)</td>
<td></td>
</tr>
<tr>
<td>52</td>
<td>27’ 11”</td>
<td></td>
</tr>
<tr>
<td>53</td>
<td>28’ 5”</td>
<td></td>
</tr>
<tr>
<td>54</td>
<td>28’ 11”</td>
<td>Cyc Lights</td>
</tr>
<tr>
<td>55</td>
<td>29’ 5”</td>
<td></td>
</tr>
<tr>
<td>56</td>
<td>29’ 11”</td>
<td></td>
</tr>
<tr>
<td>57</td>
<td>30’ 6”</td>
<td></td>
</tr>
<tr>
<td>58</td>
<td>31’ 0”</td>
<td>White Bounce</td>
</tr>
<tr>
<td>59</td>
<td>31’ 6”</td>
<td>Full Stage Blackout</td>
</tr>
<tr>
<td>60</td>
<td>32’ 1”</td>
<td></td>
</tr>
</tbody>
</table>
**PROP INFORMATION**

**RISERS**
- 4x8 Risers: 14
- 8 inch legs: 48 (8 risers)
- 12 inch legs: 30 (5 risers)
- 16 inch legs: 60 (10 risers)
- 24 inch legs: 30 (5 risers)
- 32 inch legs: 30 (5 risers)
- 40 inch legs: 10 (1 riser)
- 49 inch legs: 12 (2 risers)
- 55 inch legs: 6 (1 riser)

**WARDROBE**
- House washers and dryers: 2 each
- Steamers: 2
- Iron and board: 1 each
- Rolling wardrobe racks: 9

**ORCHESTRA PIT SIDE VIEW**

PIT HAS THREE LEVELS: **Level 1** – Main floor seating level, which allows you to have 30 seats in pit (15 seats on each side of the center line); **Level 2** – Stage level, which makes for a thrust; and **Level 3** – Pit struck to accommodate orchestra.

**ORCHESTRA PIT TOP VIEW**
ELECTRICAL/LIGHTING

ELECTRICAL POWER
600 amp 3 phase, 4 wire 208v company switch–SR.
400 amp 3 phase, 4 wire 208v company switch–SR.
200 amp 3 phase, 4 wire 208v company switch paralleled SL and SR.
All sound power is transformer isolated and distributed to company switches.
Mix position is Back of House, 16' wide x 7' deep.

LIGHTING EQUIPMENT

HOUSE CONSOLE
ETC Expression
MA Lighting Grand MA (one)

HOUSE DIMMERS
2.4k dimmers: 200

STAGE CABLE
Circuit multicable drop lines: 6
SL: 3
SR: 19
Breakouts for above.
10' extensions for above: 3
25' extensions for above: 3

Moulded pin twofers with Rosco connectors: 50
6' cables with pin connectors: 50
10' cables: 50
25' cables: 20
50' cables: 12
100' cables: 2

FOLLOWSPOTS
3 – Lycian 1295 Followspot ELT 3K

INSTRUMENTS
Leko 36°: 18 (rep plot), 10 (storage)
Leko 26°: 18 (rep plot), 26 (storage)
Leko 19°: 48 (rep plot), 1 (storage)
S4 Pars: 40 (rep plot), 16 (storage)
3 Cell Cyc: 12 (rep plot)
**Key**

- ETC Source 4 36 deg 575w.
- ETC Source 4 26 deg 575w.
- ETC Source 4 19 deg 575w.
- ETC Source 4 Par WFL Lens 575w.
- 3 CELL CYC; 650w.
- Fixture not available
- Fixture not available

**NOTES:**
1. These Drawings are not to scale.
2. The Cove and Box Booms are hung by position, not by measurements from Center.
3. The Onstage electrics are normally hung at 16” centers.
4. Darkened fixtures are not available for shows.

---

**STATE THEATRE • MINNEAPOLIS, MINNESOTA**

**STAGE**

- 4th Electric
  - Line Set 54
  - 28'-11" to PL

- 3rd Electric
  - Line Set 42
  - 22'-8" to PL

- 2nd Electric
  - Line Set 24
  - 15'-4" to PL

- 1st Electric
  - Line Set 5
  - 3'-4" to PL

**BALCONY RAIL**

- Balcony Rail
  - 59’ 10” throw distance from Center to PL
  - 48’ throw distance from end of lighting position to PL

- Cove
  - 62’ 9” Throw
  - Distance to PL
SOUND

CONCERT SOUND
Electro Voice Compact line array (XLC) system is flown left and right with mono under balcony and mono front fills. Subs are aux driven and ground stacked. Backstage is equipped with a 70 volt paging system. Amplifiers are EV TG-5 (high enclosures, front fill and under balcony). TG-7 (subs). IRIS control and DSP

HIGH ENCLOSURES
24 – EV XLC 127dvx speaker enclosure (12/side)

SUBWOOFER ENCLOSURES
8 – EV X-sub(F) speaker enclosure (4/side)

FLYING SYSTEM – MAIN P.A.
2 – XLC fly grid 4 – CM 2 ton motors-inverted

UNDER BALCONY SYSTEM
5 – EV Xi 1082

FRONT FILL
6 – EV Xi 1082

HOUSE AUDIO CONSOLE
1 – SD10 Live Control Surface – MADI & Single HMA Optic Loop
  96 Mono/Alternative inputs – includes 12 Flexi Channels
  48 Mono or up to 24 Flexi Busses Stereo Aux/Group
1 – SD Rack 56 inputs x 40 outputs
1 – Orange Box with Dante
1 – Wave Server with Waves Live Bundle
1 – MGB MADI Device (for recording)

PLAYBACK/RECORD
1 – Tascam 01-0 CD Player
1 – Tascam DVRA-1000 high res DVD/CD Player/Recorder (client needs to provide blank CDR or Sony DVD+RW)

AVAILABLE SUPPORT GEAR
Clear Com Intercom Station-distributed, ten stations, and dressing room paging.

MONITOR SYSTEM (SUBJECT TO AVAILABILITY)
OVERVIEW
56 channel, 14 mix system
(12 wedge mixes, 2 side fill mixes + cue)
3 – four mix amp racks (EV P1200 and P3000 power amplifiers)
1 – stereo side fill rack with cue (EV P3000 power amplifiers)
4 – Klark Teknik DN9848 speaker processor
2 – EQ racks
1 – processing/FX rack
Motion Laboratories Power Distribution

MIXING CONSOLE AND CASE
1 – Midas Heritage 3000 mixing console 48/4/BT
1 – Packhorse mixing console case

POWER SUPPLY RACK
1 – Furman PL-plus
2 – Midas P750 power supply

CONSOLE ACCESSORIES
Midas EZ-tilt console stand

EQ RACK #1 (8 MIX)
4 – Klark Teknik DN370 EQ

EQ RACK #2 (6 MIX)
3 – Klark Teknik DN370 EQ

PROCESSING/FX RACK
1 – Furman PL-plus
1 – Yamaha SPX2000
1 – TC Electronics Reverb 4000
2 – Klark Teknik DN504+ compressor
  (4 channels each/8 total compressors)
1 – Klark Teknik DN514+ noise gate
  (4 channels/4 total gates)
1 – Tascam DVRA1000 audio/dsd master recorder

MONITOR SPEAKERS
8 – EV XW12A floor wedge
10 – EV XW15A floor wedge
2 – EV XI-1183A/64 side fill
**WIRELESS RACK #1 (SUBJECT TO AVAILABILITY)**
1 – Furman PL-plus
4 – Shure UR4D dual wireless receivers
   (8 channels of wireless)
8 – Shure UR2 handheld wireless transmitters
   with SM58 capsules
8 – Shure UR1 bodypack transmitters (for use with Shure WL184 lavalier microphones or Countryman E-6 headset mics)
1 – Shure UA845 UHF antenna distribution system
   (1/2 wave, active directional, and Helical antennas available)
2 – Tripp Lite power modules rs-1215

**WIRELESS RACK #2 (SUBJECT TO AVAILABILITY)**
1 – Furman PL-plus
5 – Shure UR4D dual wireless receivers
   (10 channels of wireless)
10 – Shure UR2 handheld wireless transmitters
    with SM58 capsules
10 – Shure UR1 bodypack transmitters (for use with Shure WL184 lavalier microphones or Countryman E-6 headset mics)
1 – Shure UA845 UHF antenna distribution system
   (1/2 wave, active directional, and Helical antennas available)
1 – Tripp Lite power module rs-1215

**MICS FOR WIRELESS SYSTEM (SUBJECT TO AVAILABILITY)**
2 – Shure KSM9 capsules for UR2 handheld transmitters
1 – Electrovoice RE510 capsule, compatible with Shure UR2 handheld transmitters
18 – Shure WL184 lavalier microphones
26 – Countryman E-6 miniature headset mics-cocoa
   (cablecets available for both Shure and EV beltpacks)
4 – Countryman B-6 lavalier microphone-cocoa
1 – Countryman B-6 lavalier microphone-cocoa wired to Sennheiser specification with a Lemo connector
2 – Telex sub miniature lapel microphones
   (ELM 33S, ELM 22S)
9 – EV RE92TX lav/instrument microphone

**MICROPHONES**

**DYNAMIC MICROPHONES**
2 – DPA d:facto II
2 – EV ND44
1 – EV ND46
1 – EV ND68
3 – EV ND76
4 – EV ND767-a
2 – EV ND96
1 – EV PL80a
2 – EV RE20
1 – EV RE320
2 – Heil PR-31BW
6 – Sennheiser 421
6 – Sennheiser e604
2 – Shure Beta 52a
4 – Shure SM57
8 – Shure SM58
1 – Shure SM58 Switch

**CONDENSER MICROPHONES**
3 – AKG 451
2 – Audio Technica 4050
4 – Crown PCC 160
8 – DPA 4099
3 – EV ND66
6 – EV RE92H
1 – Shure Beta 91
2 – Shure KSM32
4 – Shure SM81
2 – Shure MX418 Gooseneck
1 – Rode NT2a

**DI’S**
4 – Countryman DI
4 – Radial J48
2 – Radial JDI
3 – Radial Stereo JDI
1 – Radial USB

**COM**
18 – Belt Packs
16 – Headsets
2 – Call Flashers
3 – Squawk Box
6 – Individual dressing rooms with two mirror stations and one sink, numbered 1–6.
1 – Men's chorus room has 19 mirror stations and 4 sinks with mirrors, plus a shower room and bathroom
1 – Women's chorus room has 19 mirror stations and 4 sinks with mirrors, plus a shower room and bathroom
Commons room in basement: 60' x 26'
Wardrobe room with 1 washer and 1 dryer: 20' x 20'
FRONT OF HOUSE

SEATING INFORMATION
Main Floor: 1,286
Balcony: 662
Balcony Loge: 175
Pit: 30
Accessible Seating: 10
Total: 2,163
STATE THEATRE • MINNEAPOLIS, MINNESOTA

FRONT OF HOUSE CONTINUED

BALCONY

LOGE LEFT

LOGE CENTER

LOGE RIGHT

SECTION 7

SECTION 5

SECTION 6

SECTION 8