Pantages Theatre
710 Hennepin Avenue
Minneapolis, MN 55403

CONTACTS

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LOADING FACILITIES

Location: 7th Street between Hennepin and First Avenue

Stage outside load in door: 93" wide x 95" high
Stage interior load in door: 88" wide x 119" high
Hallway: 99" wide
Interior stage door to street: 68'
Elevator Door: 54" wide x 84" high
The Pantages Theatre has a sprung Maple floor.  
(Installation completed 1/31/2006)

**Proscenium Opening:** 33’ 10” wide x 30” high

**Stage Depth**
- Lip of apron to plaster line: 49½” at center
- 33½” at offstage edges
- Lip of apron to back wall columns: 28’ 11½”
- Depth of smoke pocket: 6”
- Curtain line to back wall columns: 23’
- Proscenium wall to back wall columns: 24’ 10”

**Stage Width**
- SR to SL, unobstructed: 58’ 9”
- SL Wing: 12’ 5”
- SR Wing: 12’ 5”

**Distance from center stage to:**
- SL: 29’ 6”
- SR: 29’ 3”

**Plaster line center stage to:**
- First row of seats: 17’ 6”
- Mix position: 70’ (18’ wide)
- Rear wall main floor: 78’
- Balcony box boom: 56’ 8”
- Balcony rail center: 36’
- Balcony rail sides: 38’
- Booth: 90’ 10”
- Rear wall balcony: 104’
FLY SYSTEM & RIGGING

Single Purchase Counterweight System

**Arbor Capacity:** 1,200 pounds (potential capacity)

**Number of line sets:** 35, 5-line sets in 24’ 4” of fly space

**Length of pipes:** 49’

**Stage to grid:** 66’ 6½”

**Maximum fly height:** 63’ 10”

**Pipe trim lowered:** 4’ 10½”

**Lockrail:** Stage Level (SL)

**Pin Rails:** 28’ 8” above stage floor left and right

16 5/8 rope sheaves

1,800 feet synthetic 5/8 rope (1,200 feet is cut into 8 x 150’)

16 sandbags

**Equipment Gallery:** elevation 14’, stage left

**Grid Trap:** 3’ x 8’, stage left

**Number of one ton lodestar chain hoists:** 5 (four are in use to fly P.A. system, one is stage left on a trolley system for lifts to the grid)

**SOFT GOODS**

**Delft Blue House Teaser:** 10’ high x 47’ wide

**Delft Blue House Curtain (2 pieces):** 31’ 6” high x 25’ wide

**Three Borders:** 10’ high x 47” wide

**One Border:** 16’ high x 47” wide

**Four Sets of Legs:** 31’ 6” high x 12’ wide

**Black Backdrop (2 pieces):** 31’ 6” high x 25’ wide

**Black Scrim:** 31’ 6” high x 47” wide

**White Bounce:** 31’ 6” high x 47” wide

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**LINE PLOT**

<table>
<thead>
<tr>
<th>Line Set</th>
<th>Distance from Proscenium Wall</th>
<th>Typical Lineplot</th>
<th>Line Set</th>
<th>Distance from Proscenium Wall</th>
<th>Typical Lineplot</th>
</tr>
</thead>
<tbody>
<tr>
<td>FC</td>
<td>0’ 3”</td>
<td>Fire Curtain</td>
<td>18</td>
<td>12’ 5”</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>1’ 1”</td>
<td>Main Border</td>
<td>19</td>
<td>13’ 1”</td>
<td>Border</td>
</tr>
<tr>
<td>2</td>
<td>1’ 9”</td>
<td>Main Curtain</td>
<td>20</td>
<td>13’ 9”</td>
<td>Legs</td>
</tr>
<tr>
<td>3</td>
<td>2’ 5”</td>
<td></td>
<td>21</td>
<td>14’ 5”</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>3’ 1”</td>
<td>1st Electric</td>
<td>22</td>
<td>15’ 1”</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>3’ 9”</td>
<td></td>
<td>23</td>
<td>15’ 9”</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>4’ 5”</td>
<td></td>
<td>24</td>
<td>16’ 5”</td>
<td>3rd Electric</td>
</tr>
<tr>
<td>7</td>
<td>5’ 1”</td>
<td></td>
<td>25</td>
<td>17’ 1”</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>5’ 9”</td>
<td>Border</td>
<td>26</td>
<td>17’ 9”</td>
<td>Border</td>
</tr>
<tr>
<td>9</td>
<td>6’ 5”</td>
<td>Legs</td>
<td>27</td>
<td>18’ 4”</td>
<td>Legs</td>
</tr>
<tr>
<td>10</td>
<td>7’ 1”</td>
<td></td>
<td>28</td>
<td>19’ 5”</td>
<td>Black Scrim</td>
</tr>
<tr>
<td>11</td>
<td>7’ 9”</td>
<td></td>
<td>29</td>
<td>20’ 5”</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>8’ 5”</td>
<td>Border</td>
<td>30</td>
<td>21’ 5”</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>9’ 1”</td>
<td>Legs</td>
<td>31</td>
<td>21’ 11”</td>
<td>Cyc Electric</td>
</tr>
<tr>
<td>14</td>
<td>9’ 9”</td>
<td></td>
<td>32</td>
<td>22’ 5”</td>
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</tr>
<tr>
<td>15</td>
<td>10’ 5”</td>
<td></td>
<td>33</td>
<td>23’ 4”</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>11’ 1”</td>
<td>2nd Electric</td>
<td>34</td>
<td>23’ 10”</td>
<td>Blackout</td>
</tr>
<tr>
<td>17</td>
<td>11’ 9”</td>
<td></td>
<td>35</td>
<td>24’ 4”</td>
<td>Bounce</td>
</tr>
</tbody>
</table>

Lineset 33 is muled with the headblock between Linesets 29 and 30

Lineset 34 is muled with the headblock between Linesets 29 and 28

Lineset 35 is muled with the headblock between Linesets 28 and 27
ELECTRICAL/LIGHTING

ELECTRICAL POWER
400 amp 3 phase, 4 wire 208v company switch, mechanical ground, located SR
Two 400 amp 3 phase, 4 wire 208v company switches, mechanical ground, located SL gallery
200 amp 3 phase, 4 wire 208v company switch (sound), mechanical ground, transformer isolated

LIGHTING EQUIPMENT
HOUSE CONSOLE
ETC ION XE 20

DIMMERS
2.4kw dimmers: 288
Emergency light dimmers: 24

LIGHTING INSTRUMENTS (ETC)
50 degree ellipsoidal: 10
36 degree ellipsoidal: 32
26 degree ellipsoidal: 42
19 degree ellipsoidal: 38
10 degree ellipsoidal: 18

Par spotlights (ETC): 50
Triple cyclorama lights: 10
Super Troupers 2k followspots: 3

STAGE CABLE
5' cables: 30
10' green cables: 40
25' yellow cables: 30
50' orange cables: 12
100' red cables: 10
Two-fers: 30

6 CIRCUIT MULTI CABLE
25': 2
50': 6
75': 10
100': 9

ACCESSORIES
Top hats for ellipsoids: 40
A size template holders for 6" ellipsoids: 40
B size template holders for 6" ellipsoids: 12
Donuts for ellipsoids: 12
Altman single tee sidearms: 60
Barn doors for pars: 12
50 lb. boom bases: 8
21' boom pipe: 8
10' boom pipe: 6
8' boom pipe: 1
SOUND

MAIN SYSTEM
Electro-Voice Very Compact Line Array (XLD)
System is flown left and right with under balcony and front fills.
Subs are ground stacked.
Backstage is equipped with a 70 volt paging system
Amplifiers are EV P1200RL and EV P3000RL series

HIGH ENCLOSURES
32 – EV XLD 291 speaker enclosures

SUBWOOFER ENCLOSURES
16 – EV XLC 118 speaker enclosure (8 normally in use, 4 per side)

FLYING SYSTEM – MAIN P.A.
2 – XLD fly grid
4 – CM 1 ton motors-inverted

UNDER BALCONY SYSTEM
5 – EV XI 1082

FRONT FILL
4 – EV XI 1082

STAGE MONITORS (FLOOR WEDGES)
4 – EV XW 15 biamp wedges (2 mixes available)

SOUND ELECTRONICS INVENTORY (FOH)

MIXING CONSOLE
1 – Digico SD10 MADI & HMA Optic Loop
Waves SGS1 Sound Grid Server
Waves SG Pro Bundle
Dan Dugan Auto mixer Plug-In
Orange Box
DiGi-Grid MGB

STAGE RACK (56 IN/40 OUT/8 AES OUT)
DiGiCo SD-Rack 192kHz with MADI & HMA Optics
(7X) MOD-SDR-ADC-32B input card
(5X) MOD-SDR-DAC-32B output card
(2X) MOD-SDR-AES-O, AES output cards

PLAYBACK/DRIVE RACK
1 – Furman PI plus
1 – Tascam O1U pro CD player
1 – Tascam DVRA 1000 audio/dsd master recorder
2 – Electro-Voice DX46 FIR – Drive Sound System Processor

(SPARSE ANALOG) SNAKE HEAD RACK
(48 INPUTS/8 RETURNS) MASS CONNECTORS-W4
1 – Furman PL -plus
1 – Klark Teknik DN1248 mic splitter
1 – Klark Teknik DN1248 mic splitter
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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)

MONITOR SPEAKERS
8 – EV XW12A floor wedge
10 – EV XW15A floor wedge
2 – EV XI-1183A/64 side fill

MICS, WIRELESS AND ACCESSORIES

MICROPHONE PACKAGE
5 – EV ND 767
2 – EV ND 868
2 – EV RE 200
2 – EV RE 510
4 – EV ND 468
1 – Shure Beta 52
4 – Shure Beta 57A
4 – Shure Beta 87C
8 – Shure SM 58
5 – Shure SM 57
6 – Shure Beta 98/s
4 – Shure SM 81
2 – Shure MX 418
2 – AKG 414UBLS
1 – Earthworks PM40 stereo piano mic system
2 – Neumann KMS105-MT

DIRECT BOXES
8 – Klark Teknik LBB100 direct box
4 – BSS AR 133 direct box
2 – Radial Engineering-JPC stereo PC DI box
2 – Radial Engineering-USB pro DI box
2 – Radial Engineering-Duplex DI box

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 lavaliar 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 lavaliar 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
**SOUND CONTINUED**

**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 lavaliere 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
2 – 1/4” instrument cable for Shure wireless bodypacks

**MORE ACCESSORIES**
3 – Fostex 6301B powered speakers
2 – Electro voice SX 80 speakers
1 – EV P1200 amplifier

**STANDS**
There are enough boom arms to accommodate all stands (except desk top models).

**ATLAS STANDS**
10 – MS 10/CE, black straight
4 – DMS 7E 8” to 13”, black straight
4 – DMS 10E 14.5” to 26.25”, black straight
6 – MS 4 double clutch 25” to 65”, chrome
4 – DS 5 desk top, chrome
2 – TM 1E double mic mount
2 – CO 1B swivel adaptor clamp
2 – GN 13 goose neck 13”
2 – GN 19 goose neck 19”

**AKG STANDS**
4 – KM259, Black short tripod with boom
6 – KM210/91, Black tall tripod with boom
8 – KM211/1, Short boom arm 18.1” to 30.1” black
4 – KM211/1, Short boom arm 18.1” to 30.1” chrome
12 – KM211/2, Long boom arm 22.5” to 38.25” black

**CLEAR COM INVENTORY**
1 – MS 232 Main Station
2 – RS502 dual channel belt pack
9 – RS501 single channel belt pack
4 – KB 212 speaker station in V-box enclosure
7 – CC-95 single muff headset
4 – CC-260 double muff headset
2 – FL-1 call signal flasher
2 – YC 36 Y adaptor
1 – AMS 1025 speaker station (mounted in main com rack)

**HEARING IMPAIRED EQUIPMENT**
27 – Williams sound receivers freq 72.9
27 – Williams sound earbuds EAR013
10 – Williams sound mono headphones HED 021
1 – Williams sound 24 unit carrying case
SEATING INFORMATION
Main Floor: 544
Balcony: 432
Balcony Loge: 31
Pit: 22
Accessible Seating: 16
Total: 1,014