Performing Arts Center

Technical Specifications

Seating
Total Seating Capacity – 756 + 4 wheelchair spaces
- Lower Section – 366 + 4 wheelchair spaces
  - 38 seats in back row removable
  - 8 seats in front row removable
  - All rows in lower section are wheelchair accessible
- Upper Section – 390
  - 8 seats removable for wheelchair spaces
  - Back row of upper section accessible by elevator
All seating has row and seat numbers

Stage
Stage deck is black sprung hardwood flooring
No nails or screws allowed in floor.

Proscenium Height 20'-0"
Proscenium Width 50'-0"
Full Depth from Apron Edge (Covered pit) 49'-0" @ centerline
Depth from Curtain Line to US Wall 30'-6"
Depth from Orchestra Pit Edge (Open pit) 37'-6"
Width between Open Legs 46'-6"
Stage Height from 1st Row of House 3'-4"
Stage Left Wing Width 14'-0"
Stage Right Wing Width 26'-0"

Orchestra Pit
The pit is normally covered (for complete apron space).
Additional charge for uncovering/prep of pit: $600.00
Pit has carpeted floor and sound absorbent paneling

Height to Stage Level 6'-6"
Width 32'-0"
Depth 11'-6" @ centerline

Accessibility: 3'-0" x 5'-0" elevator from stage to pit floor on SL, stairs from house floor to pit on SR

Fly System
Single Purchase Fly System, no Grid
Locking rail Stage Left

Line sets 30
Batten length 54'-0"
Batten diameter 1.5"
Lift Lines per line set 6
Capacity per line set 2,000 lbs
Batten maximum trim height 42'-0"
Batten minimum trim height 5'-0"
**Line Set Schedule**

<table>
<thead>
<tr>
<th>Line Set Name</th>
<th>Distance from Proscenium</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main Teaser*</td>
<td>1'-0&quot; (Dead Hung)</td>
</tr>
<tr>
<td>Main Curtain*</td>
<td>3'-0&quot;</td>
</tr>
<tr>
<td>Leg</td>
<td>3'-8&quot;</td>
</tr>
<tr>
<td>1st Electric*</td>
<td>4'-4&quot;</td>
</tr>
<tr>
<td>Open</td>
<td>5'-0&quot;</td>
</tr>
<tr>
<td>Open</td>
<td>5'-8&quot;</td>
</tr>
<tr>
<td>Open</td>
<td>6'-4&quot;</td>
</tr>
<tr>
<td>1st Orchestra Shell Ceiling*</td>
<td>8'-0&quot;</td>
</tr>
<tr>
<td>Stage Left Side Masking*</td>
<td>9'-4&quot;</td>
</tr>
<tr>
<td>Open</td>
<td>10'-0&quot;</td>
</tr>
<tr>
<td>Border</td>
<td>10'-8&quot;</td>
</tr>
<tr>
<td>Leg</td>
<td>11'-4&quot;</td>
</tr>
<tr>
<td>2nd Electric*</td>
<td>12'-0&quot;</td>
</tr>
<tr>
<td>Open</td>
<td>12'-8&quot;</td>
</tr>
<tr>
<td>Traveler*</td>
<td>13'-4&quot;</td>
</tr>
<tr>
<td>Open</td>
<td>14'-8&quot;</td>
</tr>
<tr>
<td>2nd Orchestra Shell Ceiling*</td>
<td>15'-4&quot;</td>
</tr>
<tr>
<td>Stage Right Side Masking*</td>
<td>16'-0&quot;</td>
</tr>
<tr>
<td>Border</td>
<td>16'-8&quot;</td>
</tr>
<tr>
<td>Leg</td>
<td>17'-4&quot;</td>
</tr>
<tr>
<td>3rd Electric*</td>
<td>18'-8&quot;</td>
</tr>
<tr>
<td>Open</td>
<td>20'-8&quot;</td>
</tr>
<tr>
<td>Open</td>
<td>21'-4&quot;</td>
</tr>
<tr>
<td>Traveler*</td>
<td>22'-0&quot;</td>
</tr>
<tr>
<td>3rd Orchestra Shell Ceiling*</td>
<td>22'-8&quot;</td>
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<tr>
<td>Border</td>
<td>23'-4&quot;</td>
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<tr>
<td>Open</td>
<td>24'-0&quot;</td>
</tr>
<tr>
<td>4th Electric*</td>
<td>25'-4&quot;</td>
</tr>
<tr>
<td>Traveler*</td>
<td>26'-8&quot;</td>
</tr>
<tr>
<td>Open</td>
<td>27'-4&quot;</td>
</tr>
<tr>
<td>Cyc</td>
<td>28'-0&quot;</td>
</tr>
</tbody>
</table>

* Indicates un-clearable line set

**Soft Goods**

Main Drapery, 55'-0" x 23'-9"
Traveler of red velour, 100% fullness
Manual travel control from Stage Right

Main Valance, 55'-0" x 12'-0"
Drapery of red velour, 50% fullness
Dead hung

Borders, Qty: 3, 55'-0" x 12'-0"
Draperies of black velour, 50% fullness

Legs, Qty 4, 14'-0" x 21'-0"
Draperies of black velour, 50% fullness

Travelers, Qty: 3, 55'-0" x 23'-9"
Travelers of black velour, 50% fullness
Manual travel control from Stage Right, 23'-9" x 55'-0"
Sky Drop (Cyc), 50’-0” x 21’-0”
Drapery of Sky Blue Muslin, 0% fullness

Scrim, 50’-0” x 21’-0”
Drapery of White Sharkstooth Scrim, 0% fullness

**Orchestra Shell**

Complete Wenger Diva Acoustical Shell available.
Additional cost for Orchestra Shell setup: $150.00/day

**Supporting Goods**

1 Wm. Knabe & Co. 108” Concert Grand Piano
Cost for using Concert Grand Piano: $35.00/day

1 Yamaha Upright Piano
Cost for using Upright Piano: $30.00/day

**Portable Platforms**
- Two 4’-0” x 8’-0” x 0’-9”
- Two 4’-0” x 8’-0” x 1’-4”

20 Banquet Tables 2’-6” x 6’-0”
7-section, 3-level choral risers
75 Black Orchestra Chairs
50 Black Music Stands
1 Lectern
1 Conductor’s Platform

**Video/Projection**

Portable LCD Video/Data Projector
- Sanyo PLC-XP46
- 4100 ANSI lumens
- 1024x768
- Mac, PC, and RCA inputs

Cost for using Projector: $50.00/day

1 JVC SRTS1U SVHS VCR
1 Panasonic DVS52 DVD Player
20’-0”w x 20’-0”h Front Projection Screen
- Dead Hung
- Electronically controlled from stage right
- Takes 1 minute to deploy

**Loading**

Street level (stage level) loading into Scene Shop through 10’-0”w x 12’-0”h overhead door
Scene Shop to Stage through 9’-6”w x 15’-0”h door entering Stage Right
Dock height loading available: Warning! 3’-0” x 7’-0” doors along this route
All doors along non-loading routes are at least 2’-9” x 7’-0”
Elevator from stage level to rear of house and booth

**Dressing Rooms**

2 Dressing Rooms – directly behind the stage; 1 holds 6-10 people, 1 holds 10-16 people
- Both have lockers, clothes racks, and Intercom Speakers

Makeup Room – adjacent to both dressing rooms
- Lighted mirrors with space for 8, sink, and Intercom Speakers
- 2 single stall restrooms with handicap accessible showers nearby with Intercom Speakers

**Warm-up and Rehearsal Rooms**

- 3 sound proof 8’-0” x 10’-0” warm-up rooms behind stage
  - 2 with Yamaha Clavinova keyboard
  - 1 with Upright Piano
- Choir Room – behind stage, 30’-0” x 40’-0”
  - Baby Grand Piano, CD Player, Tape Deck, Tuner, 35” TV, VCR, DVD, and Intercom Speaker
- Band Room – behind stage, 60’-0” x 40’-0”
  - Upright Piano, CD Player, Tape Deck, Tuner, 35” TV, VCR, and Intercom Speaker

***These rooms must be scheduled and may not be available during school hours.***

**Lighting/Electrical**

- Lighting Control: ETC Expression 3 (400 channels, 3 DMX Outputs)
- Available Dimmers: 165 (2.4K ETC Sensor Dimmers)
- Available Circuits: 165

**Control Positions**

- Booth Position
- House Position (with seat removal)
- Back Stage Right

**Instrument Stock**

- ETC Source 4 Pars: 20
- ETC Source 4 5°: 4
- ETC Source 4 10°: 26
- ETC Source 4 19°: 42
- ETC Source 4 26°: 24
- ETC Source 4 36°: 26
- ETC Source 4 50°: 56
- Altman 6” Fresnels: 30
- Altman Scoops: 12
- Altman 4-cell Cyc Lights: 4
- Altman Voyager Followspots: 2
- ETC ColorSource Scrollers: 10
- Wybran Forerunner Scrollers: 8

All circuits and instruments have 3-pin stage connectors – adaptors not provided

**Circuit Locations**

- FOH Catwalk 2: Circuits 1-20 (1 DMX input)
- FOH Catwalk 1: Circuits 21-52 (1 DMX input)
- SL Box Boom: Circuits 53-58 (1 DMX input)
- SR Box Boom: Circuits 59-64 (1 DMX input)
- 1st Electric: Circuits 65-85 (1 DMX input)
- 2nd Electric: Circuits 86-100 (1 DMX input)
- 3rd Electric: Circuits 101-116 (1 DMX input)
- 4th Electric: Circuits 117-137 (1 DMX input)
- SL Tormentor: Circuits 138-143 (1 DMX input)
- SR Tormentor: Circuits 144-149 (1 DMX input)
- DSR Floor Pocket: Circuits 150-153
- USR Floor Pocket: Circuits 154-157
- Rear SR Floor Pocket: Circuits 158-161 (1 DMX input)
### Audio

House system accepts a single mono input  
Monitor system accepts two mixes, powered by a Crown CT210 @ 100W/channel  
Four Community CSX28M Floor Monitors  
Two EV Force I Monitors  
Composer MDX21 2-channel analog effects processor

#### House Mixer
Allen and Heath GL3300  
32 channels x 8 Subs x 2 Main Outs  
8 Aux Sends/Returns  
Phantom Power Option

#### Auxiliary Mixer
Mackie 1642-VLZ Pro  
10 channels x 4 Subs x 1 Main Out  
4 Aux Sends/Returns  
Phantom Power Option

#### Play Back and Recording
1 Denon DN-C630 CD Player w/ pitch control  
1 Denon DN-770R Stereo Cassette Deck w/ pitch control  
1 Sony MDS-JE530 MiniDisc Player w/ pitch control  
1 Tascam CD-RW700 CD Writer  
1 JVC XL-FZ158BK 5 Disc CD Changer

#### Control Positions
Booth Position  
House Position (with seat removal)

#### Monitor Output Locations
(Both mixes available at each location)

- DS Left  
- DS Right  
- US Left  
- US Right  
- Orchestra Pit

#### Microphone Stock
- 8 EV ND357B Hypercardoid handheld wired microphones  
- 4 EV MC 200 Hypercardoid handheld wired microphones  
- 6 Shure ULX Wireless Mics – Handheld or Lavalier  
- 2 Shure ULX Wireless Mics – Lavalier  
- 4 AT853a Hanging Mics  
- 5 AT853a Hanging Mics mounted above stage  
- 2 Shure SM Beta 91 Floor Mics  
- 1 Shure MX418c Lectern Mic mounted on Lectern  
- 3 Shure SM57LC Dynamic Mic
Microphone Input Locations
On Stage Floor pockets Inputs 1-4
DS Right Inputs 5-10
DS Left Inputs 11-16
Orchestra Pit Inputs 17-24
FOH Catwalks Inputs 25-31
Loading Gallery Input 32

Communications
Telex 2-channel wired intercom
Telex BTR-200 wireless intercom
Wired & Wireless systems can be integrated

Headset stock
21 Single-side closed-ear Head Sets
3 Double-side closed-ear Head Sets
15 Wired Belt Packs
2 Wireless Belt Packs

Station Locations
Control Booth 2 Belt Pack Stations and 1 Headset Station
DS Left 1 Belt Pack Station
DS Right 1 Belt Pack Station
Catwalks 6 Belt Pack Stations
Loading Gallery 1 Belt Pack Station
Orchestra Pit 1 Belt Pack Station
Scene Shop 1 Headset Station with Microphone and Speaker
Dressing Room 1 1 Headset Station with Microphone and Speaker
Dressing Room 2 1 Headset Station with Microphone and Speaker
Makeup Room 1 Headset Station with Microphone and Speaker
Choir Room 1 Headset Station with Microphone and Speaker
Band Room 1 Headset Station with Microphone and Speaker
A/V Room 1 Headset Station with Microphone and Speaker
Bathroom 1 1 Headset Station with Microphone and Speaker
Bathroom 2 1 Headset Station with Microphone and Speaker

Assisted Listening
4 Williams Sound wireless belt packs with earpieces