

## **TECHNICAL INFORMATION**

### **GENERAL INFORMATION**

#### **AUDITORIUM CAPACITY:**

(Continental Seating)

Orchestra Level	696
Orchestra Pit	108
Wheel Chair	24
Grand Tier:	1,174
TOTAL:	2,002

#### **STAGE DIMENSIONS:**

Backstage side wall to side wall, 120'; Proscenium to back wall, 50' Proscenium opening, 27' high by 56' wide; Grid height: 67' 10" Height of clear space in wings (below gallery), 31'6" Depth of apron, 2'6" without orchestra pit; 21'6" with raised pit

#### **ORCHESTRA PIT:**

18' wide by 51' long, screw jack elevator; Travel distance, 10'; Travel speed, 2.5 FPM

#### **STAGE EQUIPMENT:**

SEE ATTACHED FLY SCHEDULE

Complete portable Wenger orchestra shell

#### **LOADING DOCK:**

Covered, standard loading dock at rear of stage; Two semi truck capacity, 20' x 10' dock door Ample parking is available for trucks and busses

## FACILITY DIMENSIONS

<b><u>STAGE:</u></b>	120' wide by 50' deep (6,000 sq ft), 67' grid; Proscenium opening, 27' high by 56' wide
<b><u>LOBBY:</u></b>	Main floor: 97' by 30' (2,910 sq ft); Mezzanine: 97' by 30' (1,649 sq ft); Exhibit area: 53' by 24' (1,272 sq ft)
<b><u>ORCHESTRA PIT:</u></b>	56' by 19' (1,064 sq ft)
<b><u>BLACK BOX THEATRE:</u></b>	73' by 45' (3,285 sq ft), 18' ceiling
<b><u>REHEARSAL HALL:</u></b>	40' by 40' (1,600 sq ft), 25' ceiling (General use – PA 168)
<b><u>REHEARSAL ROOM:</u></b>	48' by 38' (1,824 sq ft), 18' ceiling (Choral use – PA 160)
<b><u>REHEARSAL ROOM:</u></b>	50' by 48' (2,400 sq ft), 18' ceiling (Instrumental – PA 158)
<b><u>DANCE STUDIO # 1:</u></b>	42' by 38' (1,596 sq ft), 15' ceiling – PA198A
<b><u>DANCE STUDIO #2:</u></b>	28' by 25' (700 sq ft), 15' ceiling – PA 198B
<b><u>SHOP AND SUPPORT:</u></b>	Large scene shop with 10' by 10' entrance to stage; Costume and wardrobe maintenance facility available upon request to include: 2 washers, 2 dryers, ironing board, irons, and steamer
<b><u>DRESSING ROOMS:</u></b>	2 chorus rooms with lavatories and showers (hot and cold water)  6 “star” dressing rooms with lavatory and shower
<b><u>GREEN ROOM:</u></b>	Large green room to serve performers and crew. Equipped with refrigerator, lounge furniture, stage audio and video monitors

## SOUND SYSTEM AND EQUIPMENT

Speakers:	JBL Vertec VT4888 Line Array (FOH) JBL Vertec VT4822 Subs JBL PD5322/95 Center Fill (FOH) JBL SRX715 Stage Fills JBL VRX932 Balcony Delay JBL MS26 Stage Center fill JBL 4870 Auxillary Deck Fills JBL 4845 Auxiliary Subs
Amplifiers:	Crown I-Tech Series (Stereo array FOH) Crown CT Series (Front fills, Center fills, Balcony Delay) QSC 1500 (Auxillary Deck Fills and Subs)
Speaker Distribution Control:	Lake Technologies Contour MESA Speaker Distribution System with wireless tablet
Console:	Yamaha PM 4000 (48 mono – 4 stereo input)
Processing:	1 – Yamaha SPX 2000 4 – Yamaha SPX 990 1 – TCM M 5000 1 - TCM M 3000 1 – TC 2290 Dynamic Digital Delay 1 – TC D2 Multi Tap Delay 8 channels BSS Compressor/Limiter 8 channels BSS DPR 504 6 channels – DBX 166 stereo compressor/limiters
<b>Monitor System (16 discrete mixes available)</b>	
Console:	Yamaha PM5D – RH console Ramsa WR-SX1 (52 inputs, 20 mixes)
Wedge Speakers:	18 – JBL Concert Series Model 4802 (2 way) 2 – 12” speakers 1 – 1” horn
Side Fills	4 –JBL Concert Series Model 4825 (2 way) 1 -12” speaker 1 – 1” horn

**Microphones:** 16 - Shure SM58  
 10 – Shure SM57  
 6 - Shure SM81  
 4 - Shure SM91  
 2 - Shure SM87  
 9 - Sennheiser 421  
 2 - AKG 414  
 1 - Audix D6  
 7 – Audix D7  
 3 – Audix 4  
 3 – Audix SC4  
 3 – Audix Technica Goose Neck Podium mic  
 Direct Box: 10 – Countryman Model 85 (Active)

**Wireless:** 4 Shure UR124D+ Dual Channel Diversity Receiver  
 8 Shure UR2 Beta 87C handheld microphones  
 8 UR1 wireless body packs

Paging and/or program to dressing rooms, green room and/ or front of house

**CURTAIN SCHEDULE**

<i>SIZE</i>	<i>COLOR</i>	<i>MATERIAL</i>	<i>QUANTITY</i>	<i>TYPE</i>
32'H x 14'W	Black	Velour	6 pairs	Leg
16'H x 70'W	Black	Velour	4	Border
28'H x 70'W	Black	Velour	1	Backdrop
28'H x 60'W	Black	Velour	1	Traveler
30'H x 60'W	Green	Velour	1	Act Curtain
30'H x 60'W	Sky Blue	Cloth	1	Cyclorama
30'H x 60'W	Black	Sharks Tooth	1	Scrim

**STUDIO THEATRE FACILITY**

**GENERAL:** Capacity: 245+/- flexible seating  
 Dimensions: 45' by 73' (3255 sq ft)  
 Ceiling height: 18' floor to grid (tension wire rope grid)  
 Direct entrance into scene shop

**DIMMING AND CONTROL:** Control board: ECT INSIGHT (72 channels)

**LIGHTING FIXTURES:** 18 – Strand 8" Fresnels (1k)  
 29 – Strand 6" Fresnels (750 w)  
 15 – Strand 4.5"x 6.5" ellipsoidals (1k)  
 26 – Scoops (1k)  
 26 – Strand Lekolite ellipsoidals (400 watts)  
 variable focus

## **MAIN THEATER LIGHTING SYSTEM AND EQUIPMENT**

DIMMING AND CONTROL:	Control board: ECT INSIGHT III -Channels board: 250 - Sub Master: 108 Dimmers: 253 – 2.4k ETC sensor Circuits: 253 (dimmer per circuit system)
LIGHTING FIXTURES:	30 – Source 4 10 ellipsoidales (FOH) 78 – Source 4 26 ellipsoidales 58 – Source 4 36 ellipsoidales 8 - Source 4 19 ellipsoidales 70 – Source 4 Par 64 10 – ACL Bars 2 – 9 light units 2 – 40' double hung lighting with 120 Source 4 Par 64 4 – CM 1-ton capacity chain motors with 75' chain 5 – Stand 3 cell far cyc (1k) 4 – Lycian 1.2 Superstar Followspot 8 – 10' pipe and base rooms

### **ROAD COMPANY PROVISIONS:**

- 1 - 200 amp 3 pole disconnect (isolated) with earth or water ground
- 1 – 400 amp 3 pole disconnect company switch
- 1 – 600 amp 3 pole disconnect company switch
- 1 – Plug cabinet with 40 – 36" pigtails with male 3 pin connectors
- 1 – DMX input for house dimmer access on stage

All electrical service stage right, approximately 25" from proscenium. The building is equipped with one upright electric man lift, having a working height of up to 42'.

**FLY SYSTEM:**

Arbor Capacity	1,500 lbs.
Arbor Capacity (Electrics)	2,000 lbs.
Batten low trim	4' off deck
Length of travel	61'
Height to bottom of grid	67'
Height to pin rail	38.6"

**NOTE: No rigging points available downstage of the proscenium. NO EXCEPTIONS WILL BE MADE.**

FACILITY TECHNICAL DIRECTOR

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