

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

<u>STAGE:</u>	120' wide by 50' deep (6,000 sq ft), 67' grid; Proscenium opening, 27' high by 56' wide
<u>LOBBY:</u>	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)
<u>ORCHESTRA PIT:</u>	56' by 19' (1,064 sq ft)
<u>BLACK BOX THEATRE:</u>	73' by 45' (3,285 sq ft), 18' ceiling
<u>REHEARSAL HALL:</u>	40' by 40' (1,600 sq ft), 25' ceiling (General use – PA 168)
<u>REHEARSAL ROOM:</u>	48' by 38' (1,824 sq ft), 18' ceiling (Choral use – PA 160)
<u>REHEARSAL ROOM:</u>	50' by 48' (2,400 sq ft), 18' ceiling (Instrumental – PA 158)
<u>DANCE STUDIO # 1:</u>	42' by 38' (1,596 sq ft), 15' ceiling – PA198A
<u>DANCE STUDIO #2:</u>	28' by 25' (700 sq ft), 15' ceiling – PA 198B
<u>SHOP AND SUPPORT:</u>	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
<u>DRESSING ROOMS:</u>	2 chorus rooms with lavatories and showers (hot and cold water) 6 “star” dressing rooms with lavatory and shower
<u>GREEN ROOM:</u>	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
Monitor System (16 discrete mixes available)	
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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