

Auditorium Technical Information

Stage Specifications

Proscenium Opening: 41' 10" W x 23' 8" H (at center) Adjustable down to 12' height

Depth: Curtain line to cyclorama 18' 4"

Upstage side of smoke pocket to cyclorama 19' 4"

Upstage side of smoke pocket to wall 23' 4"

Apron depth to upstage side of smoke pocket 9' 8"

Total depth (at center) 33'

Overall width of stage 64' 9"

Stage left wing 11' 4"

Stage right wing 11' 7"

Stage Height: 3' 3" above audience level

Obstructions Backstage:

Stage right: ductwork in corner, houseswitch

Stage left: ductwork by loading door, piano box, fire curtain winch

Overhead: pinrail 46" from wall and 15' above stage floor

Floor: tongue and groove pine with 2X4 joists on 16" centers, painted gray finish

Loading Door: 71" W x 8' H on stage left back wall

Back to door only - alley 4' 6" below stage level

Orchestra Pit: 9' W x 48' L, 16" below audience level

Dressing Rooms

There is one large dressing room located directly below the stage that can be divided into two smaller rooms by use of folding partitions. There is another room next to the dressing room that can be used as an auxiliary dressing room or green room. Two bathrooms and a water fountain are adjacent to the dressing rooms.

Rigging

13 - hemp sets with sandbags - 500 lbs maximum, 50' batten, 38' working height

3 - onstage electrics on hand winches

1 - Upstage black traveler on hand winch

Line Locations: (distance from proscenium)

#1 - 12" - Grand valance

#2 - 18" - Act curtain (permanent)

- #3 - 2' 9" - 1st electric
- #4 - 5' - Border
- #5 - 5' 6" - Legs
- #6 - 7' - open
- #7 - 8' 6" - Border
- #8 - 9' - Legs
- #9 - 10' 6" - 2nd electric
- #10 - 12' 6" - open
- #11 - 13' 6" - Black traveler (permanent)
- #12 - 14' 6" - open
- #13 - 15' 6" - Border
- #14 - 16' - Legs
- #15 - 17' 6" - 3rd electric
- #16 - 18' 6" - open
- #17 - 19' 3" - open
- #18 - 20' - Cyclorama (permanent)

Act Curtain: Travels open only, Colonial Brick red velour, 2 sections 25' H x 26' W

Soft Goods:

- 1 - Grand valance, Colonial Brick red velour, 12' H x 45' W
- 1 - Black upstage traveler
- 1 - Sky blue Cyclorama, 24' H x 48' W
- 3 - Black borders, 6' H x 54' W
- 3(sets) - Black legs, 22' H x 10' W

Lighting

Controller: ETC Express 48/96 w/color monitor

Dimming: Colortran ENR dimmer rack with 96 2.4 kw 20 amp dimmers

Number of Circuits on Electrics:

- 30 - House beams
- 24 - 1st electric
- 18 - 2nd electric
- 16 - 3rd electric
- 4 - Upstage wall pocket
- 4 - Stage left wall pocket

Lighting Instruments

- 21 - ETC Source Four 750 watt 19 degree ellipsoidals
- 12 - Altman 1KL 12 degree ellipsoidals w/1K FEL lamps
- 6 - Colortran 5/50 15 degree ellipsoidals w/1K FEL lamps
- 24 - Altman 6" fresnel w/750 watt BTN lamps

- 12 - Altman 40 degree ellipsoidals w/1K FEL lamps
- 12 - Altman 20 to 40 degree zoom ellipsoidals w/1K FEL lamps
- 4 - Altman R40 four circuit border lights with 16 300 watt lamps
- 8 - PAR 64 fixtures w/1000 watt medium flood lamps
- 3 - Altman 14" scoops w/500 lamps

Followspots:

- 2 - Altman Satellite 1 575 HMI

Haze / Fog:

- 1 - Le Martie Neutron XS hazer

House Switch:

- 120/240V 3 phase 200A/leg - located downstage right proscenium wall
- 120/240V 3 phase 400A/leg - located downstage right wall - ties in with stage dimmers

The auditorium maintains an inventory of the most popular Roscolux and Lee gel filters, as well as a full compliment of gobo holders, barn doors, extension cables, two-fers, and gel frames.

Sound

The sound system consists of one central proscenium loudspeaker cluster and three satellite loudspeaker arrays, two for under balcony, and one for a rear balcony fill. Power amplifiers are Yamaha "P" Series stereo amplifiers with a total output of approximately 3,000 watts. There are two independent monitor mixes available, as well as a sound enhancement system for hearing impaired individuals.

Mixing Console: Mackie 24-4 VLZ-PRO mixing console

House console is located in the sound booth which is located at the back of the balcony. The console can be placed at the front of the balcony upon request. Guest mixing consoles must be placed in the back row of the house on the main floor.

Signal Processing / Playback:

- 1 - DBX iEQ31 Stereo 31-band graphic equalizer (Main and delay speakers)
- 1 - Yamaha Q2031 Stereo 31-band graphic equalizer (2 monitor mixes)
- 1 - DBX 166A stereo compressor/limiter/expander-gate
- 1 - Lexicon Reflex digital reverb
- 1 - Kenwood KX-W8050 stereo double cassette recorder/player
- 1 - Tascam CD 201 stereo compact disc player
- 1 - Tascam DA20-MKII DAT recorder
- 2 - Yamaha S20X near field monitor speakers
- 1 - Yamaha P2075HC stereo power amplifier
- 1 - Sony MDR-7506 stereo headphones
- 1 - Furman PL-8 power conditioner

Microphones:

- 4 - Shure SM 81 cardioid condenser
- 6 - Shure SM 58 cardioid dynamic
- 4 - Shure SM 57 cardioid dynamic
- 2 - AKG D900E dynamic tubular-directional "shotgun"
- 2 - Audio-Technica AT871U Uniplate unidirectional condenser boundary PZM
- 1 - Audio-Technica AT859QML Unipoint miniature gooseneck condenser
- 3 - Whirlwind EDB1 passive direct boxes

Wireless Microphones:

- 1 - Shure SLX24/BETA87C wireless receiver w/handheld Beta 87C element
- 1 - Shure SLX1 bodypack transmitter with AT831B lavalier microphone
- 8 - Vega U2020 UHF receivers
- 8 - Vega BT2020 bodypack transmitters
- 6 - Vega HT2020/7 handheld transmitters with Electro Voice N/D757B elements
- 8 - Audio-Technica AT831B cardioid lavalier microphones
- 6 - Audio-Technica AT892C headworn miniature cardioid microphones
- 2 - Audio-Technica PRO 35X miniature gooseneck condenser microphones

House Speaker System:

- 3 - Community RS220 full-range loudspeakers (proscenium cluster)
- 2 - Community VB112 subwoofers (proscenium cluster)
- 8 - Bose 102 flush-mount F-72 loudspeakers (1st under balcony delay)
- 8 - Bose 102 surface-mount F-72 loudspeakers (2nd under balcony delay)
- 3 - Bose 102 surface-mount F-72 loudspeakers (back balcony delay)

Monitor Speakers:

- 4 - Yamaha SM10H floor loudspeakers

Communication:

- 1 - Telex Audiocom two channel intercom system
- 1 - Telex AAT-1 sound enhancement transmitter
- 4 - Telex AAR-10 single channel receivers with earpieces

The auditorium maintains a complete inventory of microphone stands, clips, line, intercom, speaker, and microphone audio cables.

Miscellaneous Equipment

Pianos:

- 1 - 1995 Yamaha CF7, 7' 6" concert grand in polished ebony finish
- 1 - 1999 Baldwin 248HPE, 48" upright piano in polished ebony finish

Music Stands:

- 12 - Manhasset music stands

Projection / Screens:

- 1 - In Focus LP530 video projector
- 1 - Quill overhead projector with rolling stand
- 1 - Da-Lite 9' x 12' front projection screen (must be flown from stage)
- 1 - Da-Lite 8' portable projection screen with stand

Choral Risers:

- 5 - Wenger Concept II choral risers (grey carpet)
- 3 - Wenger back rails for Concept II risers

Platform Risers:

- 16 - Wenger Versalite 8' x 4' platform decks
- 2 (sets) - Wenger Versalite pie wedge decks for semi-circular set-up
- 88 - 24" Wenger Versalite riser legs
- 50 - 16" Wenger Versalite riser legs
- 30 - 8" Wenger Versalite riser legs
- 12 - 24" - 40" Wenger Versalite telescoping riser legs
- 2 - Wenger 2-step riser stairways with handrail

The Auditorium maintains a complete inventory of platform skirting, connectors, leg brackets, back, side rail poles, uprights, and chair stops.

Podiums / Lecterns:

- 3 - Standing podiums (natural wood finish)
- 1 - Table top lectern (natural wood finish)

Tables / Chairs:

- 40 - 6' folding tables (72" x 30")
- 2 - Ultimate Support 3' collapsible tables
- 12 - Padded conference chair with arms (beige)
- 16 - Padded conference chair with arms (Burgundy)
- 200 - Kruger 301 folding metal chairs (beige)