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Technical Specifications

House

Seating for 1,089 patrons

Fully ADA Compliant

Assisted Listening System: Listen Technologies LT-800 transmitter with (10) LR-400 receiver/headphone sets

Stage

Dimensions

Proscenium Width: 48'-0"

Proscenium Height: 28'-0"

Plaster Line to Upstage Wall: 40'-0"

SL Wing: 16'-0"

SR Wing: 22'-0"

Gridiron Height: 62'-0"

Apron Width: 58'-0"

Apron Depth (at centerline DS of Plaster Line): 12'-0"

Forestage Grid: dimensions match Apron

Forestage Grid Height: 44'-0"

Orchestra Pit

Pit Length: 46'-0"

Pit Width: 15'-0"

Pit Depth: 9'-0"

Rated Load Capacity: 15850 lbs. (lifting) / 39625 lbs. (static)

Stage Floor

Floating "sprung" hardboard (painted flat black)

Rosco *Adagio* dance floor available (black)

Fly System and Rigging

(40) Single-Purchase counterweight linesets - (33) available for touring use

Individual Lineset Capacity: 1500 lbs

10,000 lbs. counterweight available at Loading Gallery

Pinrail Gallery (SL/Upstage/SR) 30'-0" above stage floor

Battens are 66'-0" 1-1/2" OD Schedule 40 pipe

Hoist Bay (Upstage Right) with dedicated 1-ton CM Lodestar chain-hoist

Draperies*

Main Valence and Act Curtain: 25oz *Majestic* cotton velour

Midstage and Upstage Travelers: 25oz *Memorable* cotton velour

(4) Borders and (4) Leg sets: 25oz *Memorable* cotton velour

(1) Black sharktooth scrim

(1) White Plastic "Opera" cyclorama

(1) White Perforated Vinyl Rear-Projection Screen (32'-0" x 18'-0")

**Certificates of Flame Resistance for all stage draperies are on file with Production Manager*

Power

Stage Right: (1) 400-Amp/leg Cam-lock and Lugs (dual Neutrals)
(1) 100-Amp/leg Cam-lock and Lugs (Transformer-isolated for Audio use)
Stage Left: (1) 200-amp/leg Cam-lock and lugs (dual Neutrals)
Pinrail Gallery (SR): (1) 200-amp/leg Cam-lock and lugs (dual Neutrals)
Gridiron: (1) 100-amp/leg Cam-lock and lugs (dual Neutrals)
Forestage Grid: (1) 100-amp/leg Cam-lock and lugs (dual Neutrals)
Loading Dock: (1) 200-amp/leg Cam-lock and lugs (dual Neutrals)
Feeder Cable: (1) 100', (1) 50', (1) 25' 2/0 Cam-lock sets

Orchestra Shell

Secoa System
(3) Ceiling pieces flown on linesets #7, #20, #33. ***These are permanently installed and cannot be moved.***
(10) Wall towers which store onstage beneath Stage Right and Upstage Pinrail Catwalks.

Loading Dock

Located on east side of building, access is via separate service driveway from University Drive NE.
Dock can accommodate (2) tractor-trailer trucks and parking is available for up to (4) additional trucks.
Dock surface is level with the stage and is 48" above finished asphalt driveway surface.
Permanent ramp in place to facilitate loading from smaller vehicles and trailers.
Loading doorways are 8'-0" wide by 10'-0" tall.
Separate parking area established for touring buses with (2) 50-amp shore power outlets available.

Backstage

Dressing Rooms (*stage level*)

(1) Large room suitable for (20) performers, includes lighted mirrors, sinks, lavatories, and shower.
(1) Large room suitable for (16) performers, includes lighted mirrors, sinks, lavatories, and (2) showers.
(1) Small room suitable for (4) performers, includes lighted mirrors, sinks, lavatory, and shower.
All dressing rooms include production intercom wall-stations.

Wardrobe Room (*stage level*)

Access is through largest Dressing Room
Contains (1) washer and (1) dryer with hookups for (1) additional washer and (1) additional dryer
Includes dual washtub sink, (2) fabric steamers, (2) ironing boards, (2) clothes irons, and sewing machine

Green Room (*stage level*)

Comfortable for (8)
Includes sink, refrigerator/freezer and microwave oven

Production Office (*stage level*)

(2) Workstations
Room is equipped with telephone, fax and internet connections, and a production intercom wall-station.

Rehearsal Room (*2nd floor, accessible by backstage stairway or Lobby elevator*)

48'-0" x 24'-0" with floating "sprung" hardboard floor
Mirrors and wall-mounted dance barres
Audio playback and projection systems available
Internet connection available
Availability dependent upon academic use schedule.

Classrooms (*2nd floor, accessible by backstage stairway or Lobby elevator*)

Each approximately 30'-0" x 20'-0"
Audio playback and projection systems available
Internet connection available
Availability dependent upon academic use schedule.

Lighting

Control

ETC Element II
ETC Express 48/96

Dimming

(4) racks of (48) 2.4kW Strand C21 IGBT dual-dimming modules
(1) Strand Light Rack with (8) X (12) 2.4kW IGBT dimming modules
(384) dimming channels available

Network

Strand ShowNet via Ethernet
(24) RJ-45 / Ethercom ports available
(4) PathPort Nodes available for interfacing touring consoles and equipment

Positions (All lighting inputs are 2P&G "stagepin" and all 220v switched power outlets are NEMA L6-20 twist-lock)

House

Catwalk 1: Approximate 43'-0" throw to Plaster Line
(48) lighting inputs / (7) 220v switched power outlets / (3) Network ports
Catwalk 2: Approximate 60'-0" throw to Plaster Line
(24) lighting inputs / (4) 220v switched power outlets / (3) Network ports
Catwalk 3: Approximate 76'-0" throw to Plaster Line
(6) lighting inputs / (3) 220v switched power outlets / (2) Network ports
Balcony Rail: Approximate 65'-0" throw to Plaster Line
(24) lighting inputs / (5) 220v switched power outlets / (3) Network ports
Followspot Booth: Approximate 107'-0" throw to Plaster Line
(4) lighting inputs / (3) L5-20 120v/20-amp receptacles
Tech Balcony (HR & HL):
(6) lighting inputs / (1) 220v switched power outlet / (1) Network port
Forestage Positions (HR & HL): (6) lighting inputs / (1) 220v switched power outlet / (1) Network port

Stage

1st Electric: 3'-7" US of Plaster Line
(30) lighting inputs
2nd Electric: 11'-10" US of Plaster Line
(24) lighting inputs
3rd Electric: 18'-7" US of Plaster Line
(24) lighting inputs
4th Electric: 26'-10" US of Plaster Line
(24) lighting inputs
5th Electric: 36'-7" US of Plaster Line
(26) lighting inputs
High Torms: Upstage side of Proscenium Wall SL & SR:
(4) lighting inputs / (1) 220v switched power outlet / (1) Network port
DSL Drops: (12) lighting inputs / (1) 220v switched power outlet
Onstage: Floor-level
Proscenium Wall SL & SR: (4) lighting inputs / (1) 220v switched power outlet / (1) Network port
Upstage Wall: (12) lighting inputs / (3) 220v switched power outlets / (3) Network ports

Equipment

Lighting Instruments

(24) 10° ETC Source 4 Ellipsoids (750w)
(24) 19° ETC Source 4 Ellipsoids (750w)
(40) 26° ETC Source 4 Ellipsoids (575w)
(60) 36° ETC Source 4 Ellipsoids (575w)
(10) 50° ETC Source 4 Ellipsoids (575w)
(10) 50° ETC Source 4 Junior Ellipsoids (575w)
(40) ETC Source 4 PARNels (575w)
(55) ETC 575w Source 4 Pars (575w) [very narrow, narrow, medium flood and wide flood lenses available]
(12) Colortran 8" Fresnel (2000w)
(12) Altman 3-cell Cyc lights
(8) L&E 6560 (30) light/3-circuit Mini-Strips
(4) ETC Source 4 Revolution Automated Fixtures
(3) Lycian 1275 Superstar 1.2 Followspots
(10) Chauvet Colorado Batten72X LED Strip Lights
(12) Chauvet Rogue R1X LED Spot fixtures

Accessories

(12) Wybron Coloram IT Color-scrollers (both *Theatre* and *Rock 'n Roll* color strings available)
(12) Tophats for Source 4 Ellipsoidal instruments
(8) Barndoors for 8" Fresnels
(12) Drop-in Iris units for Source 4 Ellipsoidal instruments
(12) "B-size" pattern holders
(4) "M-size" pattern holders
(10) 10' x 1-1/2" Schedule 40 pipes with 50# bases for Stage Boom/Side Lighting
(4) 48" x 1-1/2" Schedule 40 pipes with 50# bases for Stage Boom/Side Lighting

Audio

Crossover points and other system settings are not adjustable.

FOH Mix Position

Located at rear of Orchestra Section, approximately 60'-0" from Plaster Line
Semi-enclosed 9'-0" x 9'-0" area

Equipment over 60" tall will block audience sightlines and will not be permitted.

House Speakers and Amplification

Left and Right: EAW KF730 Line Arrays, each consisting of (9) 2-way cabinets and (2) SB730 subwoofers
Powered by Lab.Gruppen FP7000 and FP13000 amplifiers
Center Cluster: (2) EAW MK2366 cabinets powered by Lab.Gruppen FP6400 amplifier
Floor Subs: (2) d&b Audiotechnik B2 subwoofer cabinets powered by (2) d&b A1 amplifiers
Front Fills: (4) d&b E8 cabinets powered by (1) d&b D12 amplifier

House Mixer and Snake

Yamaha M7CL-48 Digital Console
Aviom 6416 Digital Snake System with (48) channels to/from stage and 48-channel stage monitor split.

FOH Rack

Tascam CD-200i Compact Disc Player with iPod Dock
Tascam CD-200 Compact Disc Player

Monitor/Portable Console

Yamaha TF3 Digital Console
(2) Tio 1608D I/O Interface Racks

Portable PA/Side Fills

(2) Yamaha DSR115 Powered Loudspeakers
(2) Yamaha DSR118W Powered Subwoofers

Microphones

Wireless (*frequencies available upon request*)

Sennheiser

(6) EM300 Receivers
(6) SKM300-845 Handheld Transmitters with super-cardioid dynamic capsules
(6) SK300 G3 Beltpack Transmitters
(6) Sennheiser MKE2-EW Gold lavalier elements

Shure

(2) ULXP4 Receivers
(2) ULX2 Handheld Transmitters (SM-58 capsules)
(2) ULX1 Bodypack Transmitters (WL185 elements)

Audio-Technica

(2) AEW-4313c Receivers
(2) AEW-T3300a Handheld Transmitters
(2) AEW-T1000a Bodypack Transmitters

Countryman

(2) E6 over-ear elements that are compatible with all of the above Beltpack/Bodypack transmitters

Point Source

(4) CO-8WS over-ear elements that are compatible with Sennheiser SK300 Beltpack transmitters

Wired

(4) Audio-Technica PRO-37
(2) AKG C1000S
(2) Shure SM-81
(4) Shure SM-57
(3) Shure SM-58
(2) Shure Beta 57A
(2) Shure Beta 58A
(1) Shure Beta 52A
(2) Shure Beta 87A
(1) Shure Beta 91A
(1) Electro-Voice RE-20
(2) Sennheiser MD 421-II
(2) Sennheiser e835
(1) Sennheiser e902

- (3) Sennheiser e-604
- (2) Sennheiser e-609
- (4) Crown PCC-160
- (2) Rode NTG-2 Shotgun microphones

Direct-Input Accessories

- (4) BSS AR-133 Active DI Boxes
- (4) Whirlwind EDB-1 Passive DI Boxes
- (2) Radial ProDI Passive DI Boxes

Stage Monitors

- (6) Renkus-Heinz CF121M Powered Stage Monitors

Production Intercom

Wired (Telex)

Plug-In Stations: SL, SR, FOH Sound, Lighting Booth, Projection Booth, Followspot Booth, Pinrail
 Wall-Stations: Dressing Rooms, Green Room, Loading Dock, Tech Storage Room, Touring Office
 Production Intercom XXX111 interface allowing touring intercom to interface with House system

Wireless (Clear-Com "Tempest")

- (3) Belt-stations/headsets available for Production use

Video

Projectors

- Sanyo PLC-XF47 XGA Digital Multimedia Projector
 15000 ANSI Lumens, 1024 x 768 Resolution (*unit is mounted on upstage wall for rear-projection use*)
 Projector can accept VGA, RGBHV, DVI, SDI, and Y/Pb/Pr, program input
- Sanyo PLC-XM150 XGA Multi-Function Projector
 6000 ANSI Lumens, 1024 x 768 Resolution
 Projector can accept VGA, DVI-D, RGBHV, Y/Pb/Pr, and S-Video program input

Screen

- White Perforated Vinyl Rear-Projection Screen (32'-0" x 18'-0")

Staging and Special Effects

- (14) Wenger *Versalite* 4'x8' Platforms (can be legged for finished platform heights of: 8", 16", 24", 32", and 40")
- Rosco *Adagio* dance floor (black)
- (6) Sections StageRight *Alla Breve* Choral Riser (each 4-level section can accommodate (16) adult singers)
- Da-Lite *Concord* adjustable-height lighted Podium/Lectern
- Reel EFX DF-50 Diffusion Hazer with DMX
- 20" Mirror Ball with rotation motor

Wardrobe

- (1) Each- GE Profile Washing Machine and Dryer
- (2) Jiffy Steamers
- (2) Irons with Ironing Boards
- (4) Rolling Wardrobe Racks
- (2) Rolling Laundry Basket/Wardrobe Rack
- Bath Towels and Hand Towels available by request*