

AUDITORIUM THEATRE

CHICAGO'S LANDMARK STAGE® EST. 1889

Technical Specifications

Contact information

Auditorium Theatre of Roosevelt University

50 East Ida B Wells
Chicago, IL 60605
Theatre Patron Services: (312) 341-2389
Administrative Offices: (312) 341-2310

Auditorium Theatre Loading Dock/ Stage Door

430 South Michigan Avenue
Chicago, IL 60605
(Alley entrance located between Artist Cate &
Roosevelt University)
Director of Production and Facilities: (312) 341-2372

STAGE

Loading/ Unloading

- Two 53' trucks may be unloaded in alley off of Michigan Avenue at one time. One pulls in, the second, backs in.
- All trucks must have ramps or lift.
- Stage Door is located in alley off Michigan Avenue, last double doors on the left.
- Loading dock door measurements:
 - **Minimum horizontal clearance: 9'-8"**
 - **Minimum vertical clearance: 13'-8"**

Stage Dimensions:

- 97'-2" wide wall-to-wall
- 61'-0" deep
- 80'-0" from rise to gridiron
- 8'-10" to lock rail bridge –SR
- 32'-2" to first bridge –SR, SL, US
- 52'-2" to second bridge –SR, SL, US
- 8'-1" arched thrust
- 23'-1" arched thrust when orchestra pit is raised to stage height
- 40' x 36' trap (36' front to back, 40' left to right; 7'-9" x 7'-5" trap lift at DSR)
- Orchestra Pit has three sizes: 925 sq. ft. and 1,327 sq. ft.

Stage Rigging:

- 90 pipe battens, including one house curtain.
- 63'-0" wide, 80'-0" fly height (reduced at some locations – see Line Plot)
- Fire Curtain is fabric – controlled gravity drop.

Proscenium Dimensions:

- 47'-3" wide x 35'-0" high
- May be expanded to 74'-11" wide x 40'-0" high by raising reducing curtain.
- When expanded, extensions must be rigged on battens to mask sides for audience.

Stage Floor Construction:

- Fiber board on 2 layers of 3/4" plywood.
- Harlequin sprung dance floor available upon request.

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Dimensions:

- Distance from balcony rail to curtain: 107'
- Distance from balcony rail to backdrop: 155'
- Distance from spot booth to curtain: 157'
- Distance from projection at rear of Main Floor to curtain: 120'

ARTIST SUPPORT FACILITIES

Basement

- Wardrobe & Laundry Facilities located stage right, basement level.
- Musician's Locker room at basement level.

First Floor (Stage Level)

- Room 1 SR: 1 mirror, 1 sink, 1 toilet, 1 shower
- Room 2 SR: 2 mirrors, 1 sink, 1 toilet
- Room 3 SR: 1 mirror, 1 sink
- Room 4 SL: 2 mirrors, 2 sinks, 1 toilet

Basement dressing room A

- Room 1: 4 mirrors, 2 sinks, 1 toilet, 1 shower
- Room 2: 4 mirrors, 2 sinks, 1 toilet, 1 shower
- Room 3: 4 mirrors, 2 sinks, 1 toilet, 1 shower
- Room 4: 2 mirrors, 1 sink, 1 toilet, 1 shower
- Room 5: 2 mirrors, 1 sink, 1 toilet, 1 shower
- Room 6: 2 mirrors, 1 sink, 1 toilet, 1 shower
- Room 7: 7 mirrors, 2 sinks, 1 toilet, 1 shower
- Room 8: 7 mirrors, 2 sinks, 1 toilet, 1 shower

Basement dressing room B

- Room 9: Women Chorus: 21 mirrors, 8 sinks, 1 toilet, 2 urinals, 4 showers
- Room 10: Men Chorus: 20 mirrors, 8 sinks, 4 toilets, 4 showers
- Room 11: Internal Chorus: 10 mirrors, 3 sinks
- Musician's Room: 76 lockers, 2 change rooms, m/w restrooms
- Conductor's Room: 1 mirror, 1 toilet, 1 shower
- Green Room: 1 sofa, 1 tables, prep counter & sink

EQUIPMENT

Carpentry / Soft Goods

- Black Drapes:
 - 5 sets of legs and borders
 - 1 – white leno-filled cyc 38'x60'
 - 1 – black out 40'x60'
 - 1 – black w/ 50% fullness 40' by 60'
- Harlequin Liberty Sprung Dance Floor
- 1', 2', 3' Platforms @ 4' by 8' @ 6 each

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Properties

- 40 – Music Stands with Lights
- 104 Black padded chairs
- 12 Black plastic chairs
- Harlequin Dance Floor Covering – reversible black/ gray
- Black lectern – Modern style

Lighting

- No Repertory Plot Hung
- Lighting position is located on the rear Main Floor, center, Dress Circle Lobby
- 3- Super Trooper LT, 2K Spotlights with color frames
- SL & SR Box Booms, 18 - 19° source 4 lamps per side
- Cove position, 12 - 5° source 4 lamps
- 24- circuits available on balcony rail (balcony rail is available upon request)
- 40' (UL40) single person lift
- 4- 240 volt company boxes at 100, 200, 400, & 600 amps

Control

- ETC IonXE 20 2K Console
- 2- remote video monitors
- 1 - remote focus unit
- 100' 5-pin XLR cable
- 6- 75' 5-pin XLR cable
- 12- 25' 5-pin XLR cable
- 5-pin XLR terminator
- DMX "opti-iso" splitters
- UPS power supply

Dimming

- ETC Sensor 96x2.4k dimmer rack with 32 6-circuit multi-outputs
- 50' set of 4/0 feeder with cam-lock connector
- 25' set of 4/0 feeder with cam-lock connector
- 10' set of 4/0 feeder with cam-lock connector

Instruments

- 12- 5 DEG ETC Source 4 @ 575w
- 1- 19 DEG ETC Source 4 @ 575w
- 43- 26 DEG ETC Source 4 @ 575w
- 28- 36 DEG ETC Source 4 @ 575w
- 5- 50 DEG ETC Source 4 @ 575w
- 12- Altman 3-cell Sky Cycs
- 47- Altman Par 64 cans

Accessories

- 200- Safety cables
- 42- Source pattern holders
- 12- Source iris kits
- 48- Source 4 top hats
- 24- 10" barndoors
- 8- 12'x1.5" pipes with 50-lb pipe bases

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Cable

- 6-125' 6-CCT multi
- 6- 100' 6-CCT multi
- 10- 75' 6-CCT multi
- 12- 50' 6-CCT multi
- 12- 25' 6-CCT multi
- 13- 6-CCT break-outs
- 3- 6-CCT break-ins
- 6- 6-CCT to 12-CCT pyle adaptors
- 6- 75' 12/3 stage cable
- 10- 50' 12/3 stage cable
- 10- 25' 12/3 stage cable
- 15- 10' 12/3 stage cable
- 15- 5' 12/3 stage cable
- 36- 2-fers
- 6- Ed slip adaptors
- 6- Slip ed adaptors
- 6- 50' 12/3 Edison cables

Audio

- Meyer FOH System - right & left Melody stacks @ 5 each; 9 Mica cabinet center cluster; HP650 bass cabinets @ 1 each left & right
- Audio delay for upper levels
- 4 Front fill speakers w/ Crown amp
- Yamaha M7CL 48 channel board
- 32 Channel FOH snake / 100' & 75' 12 Channel sub-snakes / 150' 6 Channel sub-snake
- 6 Wireless Receivers
- Wireless microphones: 4 Shure wireless -Beta87A; 3 bodypacks for 3 lavalier OR 2 head-set
- Wired microphones: 2 SM18 condenser lectern; 7 SM58; 4 SM57, 1 Beta 52; 6 SM137; 3 switched VOG
- Mic stands – 20 boom & 10 straight
- 2 Tascam & 2 Sony CD players
- 4 Nexo speakers – Stage monitors
- 4 DI
- Press Box - 24 output mic level / 6 output line level
- Clear com system – 1 channel, 14 headsets
- Complete Paging System to all dressing rooms

Video

- Video monitor for late seating
- 2 Barco HDX-W14 Projectors – 14,000 lumens
- Switching station monitors (playback, record, pre-view)
- 32' by 18' (16:9) Screen
- IMAG Camera – Sony Power HAD EX – CA D50
- BlueRay / DVD player

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KATTEN/LANDAU STUDIO

The Auditorium Theatre's Katten/Landau Studio

425 South Wabash Avenue, Room 413
Chicago, IL 60605

- 40'x60' (2,400 square feet)
- Harlequin Sprung Dance Floor
- Harlequin Floor Covering, gray
- 1 mirrored wall with drapes
- Wooden barres on 3 of the 4 walls
- 10- 8' potable barres
- 1- 6' table
- 1- 8' table
- 125 folding chairs, black
- 8- 4'x8' Masking Flats

Yamaha Piano

- With bench
- 88 keys

Intellistage: Equipment and Wheelchair Ramp

- Platform: modular stage surface supports up to 185 lbs.
 - 12'x16'x2' portable stage
 - Riser: 24" height
 - 2 stairs and 1 ramp

Smartfade Lighting Control: ETC

- Intensity channels: 48. Each one can control one or more dimmers
- Independents: two independent buttons can control one output each
- DMX Output
- DMX In

ETC Expression 3 – 800 Control Console

- expression remote video monitors
- remote focus unit

SHURE Wired Microphones

- Model SM58

Soundcraft Mixer

- Model FX16ii

TASCAM CD Player iPod Dock

- Model CD-200i
- Plays Audio CDs (CD-DA), data CDs (CD-ROM)
- Built in iPod Dock