

Technical Information for

# Hill Auditorium

Version current as of September 5, 2019

**An important note for touring companies** - This hall was designed originally for classical music concerts and lectures. It has a unique parabolic ceiling, which contributes to exceptional room acoustics. However, arena-scale productions will likely need significant modifications to their concert-stage design and reductions of equipment to fit this small stage space. Rigging points are very limited because of the curve of the plaster ceiling over the stage; there is no stage house. Shows with extensive lighting, audio, staging and rigging requirements are especially encouraged to either schedule a site visit or to have a phone conversation with venue staff and/or the local promoter's production manager to get more detailed information to ensure a safe and smooth production. The information contained in these technical specifications has been updated to the best of our ability.

## VENUE ADDRESS

825 N. University Ave.  
Ann Arbor, MI 48109-1276

## MAILING ADDRESS

University Productions  
128 Michigan League  
911 N. University Ave.  
Ann Arbor, MI 48109-1265

## AUDITORIUM SEATING CAPACITY

|  |             |
|--|-------------|
| Main Floor   | 1299        |
| Main Floor - 27 wheelchair & 21 companion            | 48          |
| Mezzanine  | 953         |
| Mezzanine - 8 wheelchair & 6 companion               | 14          |
| Balcony  | 1214        |
| <i>Total capacity (including accessible seating)</i> | <i>3528</i> |

## LOBBY EVENT CAPACITIES

|                                |     |
|--------------------------------|-----|
| Kennedy Lower Lobby            |     |
| Reception - standing room only | 200 |
| Lecture - chairs only          | 100 |
| Banquet - tables and chairs    | 70  |
| Main Floor Lobby               |     |
| Reception - standing room only | 300 |
| Lecture - chairs only          | 100 |
| Banquet - tables and chairs    | 100 |
| Mezzanine Lobby                |     |
| Reception - standing room only | 250 |
| Lecture - chairs only          | 100 |
| Banquet - tables and chairs    | 100 |

## LOAD-IN ACCESS

Loading doors are located on S. Thayer Street between N. University and Washington Streets.

|                                |                   |
|--------------------------------|-------------------|
| Loading Dock A (semi trailers) | Approx. 14' x 60' |
| Loading Dock B (short trucks)  | Approx. 14' x 40' |

\*Refer to dock drawing under stage plans for specific lengths in regards to sidewalk and road

|   |                           |
|---|---------------------------|
| Loading Dock Elevator                                   | 3'-9" x 7' (door)         |
| (to basement only)                                      | 5'-6" x 8' (cab floor)    |
| Two (2) Elevators located in main lobby                 | 3'-6" x 7' (door)         |
|   | 5'-8" x 5'-3" (cab floor) |
| (protective quilts are mandatory when moving equipment) |                           |
| Stage Doors   | 8' x 8'                   |

## STAGE SPECIFICATIONS

|                                 |  |
|---------------------------------|--|
| Width of stage                  | 40' to 70'   |
| Depth of stage (at center line) | 29'  |
| Stage Ceiling                   | Parabolic curve with decorative plaster lattice work<br>No stage house |
| Floor to Stage                  | 39½"   |
| Stage lift                      | 9'-10" x 7'  |
| Basement ceiling height         | 6' clearance   |
| Stage floor                     | maple parquet w/light cherry stain                                     |

## RIGGING

Limited availability; check with house technicians for information. Specified points have been engineered and designated. *Only trained rigging personnel are allowed to access these points.*

## COMPANY SWITCHES

110v/208v 3 phase

One (1) 400 amp. disconnect basement stage left

One (1) 400 amp. disconnect basement stage right

Two (2) 200 amp. disconnect in basement stage right, one with separate ground common to house sound system.

*Note - all are sequential cam locks. House will provide adaptors to allow connection of normal cam locks. Pass-through holes allow feeder to reach stage level.*

## **LIGHTING SYSTEM**

*Full concert lighting designed to accommodate needs from soloists, piano and organ recitals, to large orchestra/choral ensembles. Limited lighting positions for arena-style concerts.*

### **Lighting Control:**

One (1) ETC IonXE 20 (in SR control booth)

Note: Operating system face panel 1.0.0.9.0.4

ETC Net/DMX ports distributed throughout the hall

### **Front of House:**

Follow Spot Booth (located at center rear of the balcony)

Two (2) Lycian M2, 2500 Watt, 220V Followspots

*Note - Three (3) 30 amp 110/208 single phase circuits are available for renter-provided additional or substitute followspots.*

### **Box Booms**

Twelve (12) ETC Source Four 10° 750w, stage left

Twelve (12) ETC Source Four 10° 750w stage right

*Note - Fall protection is mandatory and careful restoration to house focus required at strike.*

### **Overstage Attic:**

Twenty-Six (26) ETC Source Four PARs MFL 750w

### **Front of House Attic:**

Twenty-three (23) ETC Source Four 10° 750w

Seven (7) ETC Source Four 5° 750w

*Note - Attic instruments are hardwired and can not move. Limited focusing range. Renter must restore focus at strike. Fall protection required at some locations.*

## **SOUND SYSTEM**

*The hall has equipment adequate to provide audio support for most small conferences, lectures, and playback requirements. Please indicate your needs at the time of finalizing your rental agreement and we will do our best to meet them.*

**An important note for touring companies** - No more than eight (8) 1200watt Sub Cabinets may be placed onstage at any time and these subs may NOT be stacked. Additionally any multiple of speakers within a 4' zone of the stage lip, must be lashed together with a truck grade strap due to the proximity of the audience to the speakers.

### **Console**

One (1) 12/4 channel rack mounted Crest mixer located in control booth stage right

### **Playback**

One (1) Marantz CDR631 CD Player/Recorder

## **Speakers**

Two (2) computer-controlled EAW line arrays (located behind organ pipes at upstage wall)

One (1) Sub Woofer, Rinkus-Heinz (located behind organ pipes at upstage wall)

Rinkus-Heinz front fill speakers at stage lip

Under-balcony delays are located underneath mezzanine and balcony overhangs

## **Microphones**

*Microphones and portable mixer cannot support live mixing of large scale music events.*

Two (2) Shure Beta 57A

Four (4) Shure Beta 58A

One (1) Shure SM 58 w/switch

Two (2) Shure Beta 87A

Two (2) Shure ULXD4D Receivers

Two (2) Shure ULXD1 Lavaliers

Two (2) Shure ULXD2 Handhelds

*Note - Only two (2) wireless units may be used at one time.*

Eight (8) straight microphone stands with boom arms

Access port from mix position on main floor to cable passage in basement.

## **COMMUNICATION SYSTEMS**

### **Intercom**

One (1) dressing room monitor system w/ dressing room page

### **Headset System**

Ten (10) single muff headsets, Clear-Com CC-75

Ten (10) single channel belt pack, Clear-Com RS-501

### **Headset Stations**

Control booth, stage right

Backstage right

Backstage left

Followspot booth (balcony)

Cable passageway, below house mix position

Loading Dock

Front face of stage at center

### **Video**

One (1) for stage-view camera mounted on mezzanine ceiling

One (1) for conductor-view camera mounted behind organ pipes

Stage-view located in the control booth SR

## **INFORMATION SYSTEM**

Wired - Ethernet 1000 Base-T, located in box office, House Tech booth and various locations throughout the building. Advance arrangements required for access.

Wireless - U-M Wireless on-stage and in the auditorium and main lobby please refer to <http://www.itdcom.itd.mich.edu/wireless/> for information regarding access and settings.

## **DRESSING ROOMS**

*There are no laundry facilities in the building.*

### **One Flight Below Stage Level:**

Open area for large ensemble.

*Note - Upon prior arrangement, one hundred twenty-three (123) lockers are available in the basement of the Modern Languages Building accessible through the basement of the Auditorium, after 4pm Monday - Friday and all day on weekends. Contact your event coordinator for more information.*

### **Stage Level:**

One (1) Dressing Room for one person with private bath and shower, located on stage right.

Two (2) Dressing Rooms - One (1) for two persons, One (1) for four persons, which may also function as production office, located on stage left.

### **One Flight Above Stage Level:**

One (1) Ensemble Room - seating and mirrors for 9 performers with a basin, located on stage left. May also function as catering room.

One (1) Dressing Room - seating and mirrors for 4 performers located on stage left.

One (1) Warm-up Room with baby grand piano located on stage right. Piano used only by special permission of the University Musical Society. Contact Jeff Beyersdorf at 734.615.4285.

### **Two Flights Above Stage Level:**

One (1) Dressing Room - seating and mirrors for 9 performers located on stage left.

## STAGE EXTENSIONS

*Use of the stage and pontoon extensions requires a loss of seating with additional labor charges for set-up and removal. Removable stairs may be used with either of the below stage extensions, however, please note that three more rows in sections 2, 3, and 4 will be unusable.*

### Stage extension

*4'6" additional stage depth*

Seating covered:

| Section | Row | Seats   |
|---------|-----|---------|
| 2       | A   | 201-211 |
| 3       | A   | 301-314 |
| 4       | A   | 401-411 |
| 2       | B   | 201-212 |
| 3       | B   | 301-314 |
| 4       | B   | 401-412 |

### Pontoon extension

*The pontoon extensions can only be used with the stage extension.*

Seating covered:

| Section | Row | Seats   |
|---------|-----|---------|
| 2       | B   | 209-212 |
| 2       | C   | 209-213 |
| 4       | B   | 409-412 |
| 4       | C   | 409-413 |
| 2       | C   | 208     |
| 2       | D   | 209-215 |
| 4       | C   | 408     |
| 4       | D   | 409-415 |

## REMOVABLE SEATING

### Section 2

| Row | Seats   | Note               |
|-----|---------|--------------------|
| A   | 201-211 |                    |
| B   | 201-212 |                    |
| C   | 201-213 |                    |
| Q   | 201-205 | house mix position |
| R   | 201-205 | house mix position |
| S   | 201-205 | house mix position |
| T   | 201-205 | house mix position |

### Section 3

| Row | Seats   | Note               |
|-----|---------|--------------------|
| A   | 301-314 |                    |
| B   | 301-314 |                    |
| C   | 301-315 |                    |
| D   | 301-315 |                    |
| E   | 301-315 |                    |
| Q   | 301-318 | house mix position |
| R   | 301-318 | house mix position |
| S   | 301-318 | house mix position |
| T   | 301-318 | house mix position |

### Section 4

| Row | Seats   | Note |
|-----|---------|------|
| A   | 401-411 |      |
| B   | 401-412 |      |
| C   | 401-413 |      |

## **CONFERENCE/LOBBY EQUIPMENT**

Ten (10) 30" x 6' tables  
Ten (10) 30" x 8' tables  
Six (6) Easels  
One-Hundred (100) Folding Chairs on rolling carts  
Two (2) Coat Racks  
Six (6) 22" x 28" Donor Recognition/Misc. Info Signs

## **MISCELLANEOUS BACK LINE EQUIPMENT:**

One-hundred twenty-five (125) music stands  
One-hundred nine (110) orchestra chairs  
Sixteen (16) celli chairs  
One (1) conductor's stand  
One (1) United States flag with pole and floor stand  
One (1) State of Michigan flag with pole and floor stand  
One (1) 20' x 20' projection screen  
(additional rental charge for set-up)

*Note: The following equipment is housed in Hill Auditorium and can only be used by special permission of the School of Music, Theatre & Dance. Contact Paul Feeny 734.764.8765.*

One (1) 7' Steinway grand piano - Contact Bob Grijalva 734.764.6207  
One (1) 9' Steinway grand piano - Contact Bob Grijalva 734.764.6207  
Choral Risers  
Various percussion instruments

*Note: The following equipment is housed in Hill Auditorium and can only be used by special permission of the University Musical Society. Contact Jeff Beyersdorf at 734.615.4285.*

Twenty-four (24) 4' x 8' Stageright orchestral platforms  
Four (4) 4' x 4' Stageright orchestral platforms  
Eight (8) 8" Stageright legsets  
Seven (7) 16" Stageright legsets  
Seven (7) 24" Stageright legsets  
Two (2) two-step step units