

HILL AUDITORIUM — TECHNICAL SPECIFICATIONS

HOUSE SPECIFICATIONS

Mailing Address:

University Productions
911 N. University
Ann Arbor, MI 48109-1265

Venue Address:

825 N. University
Ann Arbor, MI 48109-1276

Seating Capacity:

Main Floor	1299
Main Floor - 27 wheelchair & 21 companion	48
Mezzanine	953
Mezzanine - 8 wheelchair & 6 companion	14
Balcony	<u>1214</u>
Total capacity	3529

Lobby Capacities:

Kennedy Lower Lobby	
Reception - standing room only	254
Lecture - chairs only	254
Banquet - tables and chairs	118
Main Floor Lobby	
Reception - standing room only	305
Lecture - chairs only	305
Banquet - tables and chairs	142
Mezzanine Lobby	
Reception - standing room only	261
Lecture - chairs only	261
Banquet - tables and chairs	121

LOAD-IN ACCESS

Address:

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

Loading Door A (for short trucks)	8' x 10'
Loading Door B (for semi trailers)	8' x 10'
Loading Dock Elevator	3'9" x 7' (door)
(to basement only)	5'6" x 8' (cab floor)

Two (2) Elevators located in main lobby
(protective quilts are mandatory when moving equipment)

Stage Doors 8' x 8'

CONFERENCE/LOBBY EQUIPMENT

Tables:

Ten (10) 30" x 6' tables
Ten (10) 30" x 8' tables
Eight (8) sets of black table cloths and skirting for 6' tables
Eight (8) sets of black table cloths and skirting for 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

STAGE SPECIFICATIONS

Width of stage	40' to 70'
Depth of stage (at center line)	29'
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.*

STAGE EXTENSIONS:

NOTE - Use of the stage and pontoon extensions requires a loss of seating with additional labor charges for set-up and removal.

Stage extension 4'6" add'l stage depth

Seating covered:

Section	Row	Seats
2	A	201-211
3	A	301-314
4	A	401-411

Also recommended not to sell:

Section	Row	Seats
2	B	201-212
3	B	301-314
4	B	401-412

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Pontoon extension

NOTE - 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

Also recommended not to sell:

Section	Row	Seats
2	C	208
2	D	209-215
4	C	408
4	D	409-415

ROAD POWER

110/208 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

Lighting Control:

One (1) ETC Expression (in SR control booth)

ETC Net/DMX ports distributed throughout the hall

Standard House Light Hang:

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) 10° Source Fours, house left

Twelve (12) 10° Source Fours, house right

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

Overstage Attic: Twenty-Six (26) Source Four, PARs

Front of House Attic: Twenty-three (23) Source Four 10°
Seven (7) Source Four 5°

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

HOUSE SOUND SYSTEM

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

One (1) CD Player

One (1) Cassette Player

One (1) 24 channel portable mixer, Allen & Heath GL2200-424, for designated main floor mix positions.

NOTE - Full equipment list to be provided at a later date. 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.

Speakers:

Two (2) computer-controlled line array, EAW

One (1) Sub Woofer, Rinkus-Heinz

(All located behind decorative organ pipes at upstage wall)

Rinkus-Heinz front fill speakers at stage lip

Under-balcony delays are located underneath mezzanine and balcony overhangs

Microphones:

Two (2) Shure Beta 57A

Two (2) Shure Beta 58A

One (1) Shure SM 58 w/switch

Two (2) Shure Beta 87A

Six (6) AKG GN30/C31 Conference Mics

Six (6) Shure U1 Wireless belt packs

Two (2) Shure U2/87 Wireless handhelds

NOTE - Only six (6) wireless units may be used at one time.

Eight (8) straight microphone stands with boom arms

NOTE - Microphones and portable mixer cannot support live mixing of large scale musical events.

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

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COMMUNICATION SYSTEM

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

Intercom

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

Video

Two (2) cameras - One (1) for stage-view mounted on mezzanine ceiling, One (1) for conductor-view mounted behind organ pipes

Stage-view available 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.

REMOVABLE SEATING

	Row	Seats	Note
Section 2	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	A	301-314	
	B	301-314	
	C	301-315	
	D	301-315	
	E	301-315	

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

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.

Stage Level:

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

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

One Flight Above Stage Level

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

Dressing Room - seating and mirrors for 4 performers located on stage left.

Warm-up Room with baby grand piano located on stage right. Piano used only by special permission of the University Musical Society. Contact Emily Avers at 615-1444.

Two Flights Above Stage Level:

Ensemble Room - seating and mirrors for 9 performers located on stage left.

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MISCELLANEOUS BACKSTAGE EQUIPMENT

Miscellaneous:

- One-hundred twenty-five (125) music stands
- One-hundred nine (109) 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)
- Three (3) 30" x 8' tables

Note:

The following equipment is housed in Hill Auditorium and can only be used by special permission of the School of Music.

- One (1) 7' Steinway grand piano
Contact Bob Grijalva 764-6207

- 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
- Choral Risers
Contact David Aderente 764-5575

- Various percussion instruments
Contact Michael Udow 764-6520