



Concert Hall Technical Specifications

University of Kentucky Singletary Center

Lexington, Kentucky

Revised 09/14



General Information

Year Constructed: 1979

Year of Most Recent Renovation: 2014 (Concert Hall architectural lighting)

Capacity: 1454+20 Handicapped Accessible

Owner: University of Kentucky

Director: Michael Grice

Optional Seats (Orchestra Pit): 28 additional

Maximum Capacity: 1502 including Orchestra Pit

Address:

University of Kentucky
Singletary Center for the Arts
405 Rose Street
Room 126
Lexington, KY 40506-0241

Main Office: (859) 257-1706

Production Office: (859) 257-4776

Patron Services: (859) 257-2414

Ticket Office Manager: (859) 257-5030

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Production Director: Tanya Harper, tkharp2@uky.edu
Assistant Production Director: Danny Bowling, djbow2@uky.edu
Technical Services Assistant: Seth Murphy, seth.murphy@uky.edu

Stage Specifications

Stage:

The Concert Hall is not a proscenium stage. It is a concert hall complete with a permanent acoustical shell which consists of inward sloping side walls and movable acoustical ceilings. Ceiling heights are adjustable, but their angle is not. There are no unique sightline problems. However, when acoustic walls are open for a show, it is difficult to mask backstage.

Stage to Ceiling Height: 50'-0"
Stage Width at Curtain Line: 74'-0"
Depth - Curtain Line to Back Wall: 39'-0"

Acoustical Ceiling Height: Adjustable (4 panels)
Upstage Wall Stage Width: 38'-0" due to walls
Depth – Downstage Edge to Curtain Line: 5'-7"

Orchestra Pit Lift:

The pit lift is a screwjack style lift, curved at the downstage edge to form a flattened semi-circle. It actually consists of two lifts – a main lift plus one smaller curved upstage lift that is carried by the main lift. The main lift has three stops: stage (useful as a stage extension or apron), audience (when pit seats are installed or to create a space between the front of the stage and audience) and orchestra pit (for a pit orchestra). The smaller, upstage lift can travel to stage level when the pit is at audience level, allowing a small stage extension or apron when orchestra pit seats are installed.

Upstage edge, both lifts: 55'-9"
Total depth at center (widest point): 12'-10"
Stage to pit at audience level: 3'-0"

Width of upstage lift: 41'-8"
Depth of upstage lift: 7'-10"
Stage to pit at orchestra level: 9'-0"



Concert Hall stage, showing pit at audience level, as seen from house left sound mix position.

Stage Floor:

The stage floor is maple and stained dark brown with satin polyurethane finish. Several rolls of black marley dance floor are available for rental. Use of fasteners on the floor must be negotiated. Cloth tapes are required – no duct or masking tapes.

Acoustic Shell:

The side walls of the shell extend from just upstage of curtain line to approximately 3' from the upstage wall. They both slope inward toward the stage as they rise in height and taper the stage width from 74'-0" at curtain line to 38'-0" at the back wall.

The downstage walls have built in door openings which can be opened to the width of a single or double door. The downstage, upstage and center two walls may be opened to facilitate stage changes or create entrances. The walls pivot and open offstage. They are medium wood tone veneer. No fasteners may be used on the walls.

Risers:

An assortment of Wenger platform risers are available in 3x8, 3x6 and 4x8 sizes, in 8" height increments. These are a combination of older platform risers and new Versalite decks with interchangeable leg sizes. Additionally, (10) Wenger 3 step choral risers are available, with optional fourth step and back rail. Please call for more information.

Rigging

The Concert Hall does not have a fly system. However, there are three motorized battens between each of the acoustical ceilings that have electric raceways, and one motorized batten between the upstage cloud and upstage wall without electric. These motorized battens have a slow rate of travel and are not designed to fly scenery during a performance. No items may be rigged from the acoustical ceilings. Acoustical ceilings eliminate any additional rigging points. Motorized battens are controlled from stage manager's panel stage right. Only one pipe can be run at a time.

Batten	Length	Load Limit	Normal ("Play") Trim	Max ("Store") Trim	Relative Position	Notes
1 First Electric	60'-0"	1200 lbs	25'-0"	30'-4"	1'-3" DS of main curtain	Furthest DS position; DS of main traveler; Raceway with lighting circuits and audio inputs
2 Second Electric	52'-0"	1400 lbs	20'-6"	30'-10"	16'-6" US of 1 st Electric	Raceway with lighting circuits
3 Third Electric	34'-0"	1500 lbs	18'-6"	34'-0"	15'-6" US of 2 nd Electric	Raceway with lighting circuits
4 Scenery Batten	60'-0"	1800 lbs	30'-0"	48'-8"	8'-6" US of 3 rd Electric	No raceway; batten extends off into wings.

There is an assortment of pipe available for dead hanging items in limited locations for masking. Please call for more information.

Draperies and Soft Goods

Legs:

(2) pairs black legs, 8'-3" x 30'-0" 25 oz black velour, 50% fullness (by I. Weiss)

Backdrops:

(2) 30'-0" x 30'-0" 25 oz black velour backdrop curtains, 50% fullness (by I. Weiss)

(2) 35'-0" x 30'-0" medium red velour backdrop curtains, sewn flat (by Tiffen Scenic Studios)

House curtain:

Traveler, motorized (variable speed drive), operated from stage right. It is a medium red.

Upstage curtain:

Covers back wall and masks organ pipes. Traveler, manually operated from stage right. It is medium brown.

Electrics

The Concert Hall has an ETC dimming and control system originally installed in 2002. Summer 2014, the Unison architectural system was replaced with ETC's Paradigm system and the console upgraded from Expression 3 to Ion.

Dimming:

ETC Sensor 2.4kW - 93 dual modules, 3 constant modules (total 186 dimmers, 6 constants)

Console:

ETC Ion 1024 with 500 channel upgrade, 2x20 fader wing, located rear center of house. There is a portable Paradigm LCD Station located at light board for house and aisle light control, as well as basic pre-programmed light cues.

Stage Manager's Panel:

- * Located backstage right
- * Paradigm architectural control with LCD touchscreen for shows requiring basic lighting control
- * House and aisle light control from LCD touchscreen or fader/preset station.

Interface and DMX Distribution

- * Stage Manager's Panel has a rack mounted ETC Net3 4 port gateway with one port configured to be an input to DMX 1-512 to allow clients to control the Center's dimming system with their own console from backstage. Requires a DMX turnaround. Other ports are configured as DMX 2 or 3 outputs.
- * One ETC Net3 2 port portable node is available for use on any electric and FOH position to distribute DMX 2 or 3 to these positions if requested.
- * There is a DMX input located at the house console position to allow clients to control the Center's dimming system with their own console.

Circuit Distribution:

Position*	Number of Circuits**
Front of House Catwalk #2	33 – 20 A circuits
Front of House Catwalk #1	30 – 20 A circuits
Batten 1 (First Electric)	24 – 20 A circuits
Batten 2 (Second Electric)	22 – 20 A circuits
Batten 3 (Third Electric)	20 – 20 A circuits
Backstage Left Wall Pockets	4 wall pockets, each has 6 – 20 A circuits [#]
Backstage Right Wall Pockets	4 wall pockets, each has 6 – 20 A circuits [#]

* There are no box boom or balcony rail positions. Low placement of acoustic panels limits use of FOH Catwalk #1.

** All connectors and receptacles are stagepin (2P&G).

[#] There are 4 wall pockets stage left and stage right, each with (6) 20A circuits and (1) 19 pin Veam connector to enable use of multi runs to circuit booms and deck mounts/ground rows. (48 total deck circuits)

House Lighting Hang:

Position	Fixtures
Front of House Catwalk #2	(33) 10 Degree Source Four, 750W (not movable)
Front of House Catwalk #1	(28) 19 Degree Source Four, 750W (not movable)
First Electric	(20) Source Four Par, Wide 575W*
Second Electric	(15) Source Four Par, Wide 575W*
Third Electric	(15) Source Four Par, Wide 575W*

*Lens sets are available for all Source Four Pars.

Additional fixture inventory (available for use in either performance hall):

- (10) 50 degree ETC Source Four, 575W
- (50) 36 degree ETC Source Four, 575W
- (50) 26 degree ETC Source Four, 575W
- (12) Source Four Par, 575W, with 4 lens sets
- (40) Altman PAR64s, 1000W, WFL only

Follow Spots:

- (2) Lycian SuperArc 400, located center rear of hall on platform, with Telrad sights.

Cable:

- (50) Twofers
- There is a good amount of jumper cable available, various lengths.
- There is no multi cable in stock.

Booms:

- (8) 50 lb boom bases with 14' pipe

Road Power

- (1) 200A/240V 3 Phase disconnect located backstage, downstage left (requires bare wire tails)
 - (1) 200A/240V 3 Phase disconnect located in loading dock behind upstage right backstage door (Cam-Lok)
 - (1) 100A/240V 3 Phase disconnect located in loading dock behind upstage right backstage door (Cam-Lok)
- Pass through is available from dock to backstage right.

Sound

The house acoustics are extremely live and make amplified sound challenging. Please call for more information and additional inventory. Large shows normally travel with own gear or a rental package is arranged. Basic system is appropriate only for general PA announcements.

Console:

Yamaha M2500 32 channel console. Located center rear of hall.

Amp:

(1) QSC PowerLight 1.6 Amplifier, located backstage right near house snake and SMP.

EQ:

(2) Sabine FBX GRQ-3101 EQ

Compressors:

(2) dbx 226xs 2 channel compressor

FOH Cabinets:

(2) EAW LA 460 Speaker cabinets, normally flown down center
(1) UB42 Down Fill Speaker

Monitor Package:

(2) Grund wedge monitors
(2) Alto TS112A powered wedge monitors
(1) DBX 231 Dual EQ
(1) QSC PLX 3102 Amp

Snake:

(1) 12x6 permanent snake, starts backstage, downstage right and ends upper house left wheelchair section. From here, a jump is in place to console.

Mics/Direct Boxes/Stands:

(1) Shure SM 52A Beta	(4) Crown PCC
(4) Shure SM57	(2) Crown PZM
(1) Shure Beta SM57	(2) Crown PZM 20D
(5) Shure SM58	(2) Crown CM-700
(1) Shure Beta SM58	
(2) Shure SM81	
(2) AT3000 Wireless Handheld	(2) Whirwind Direct Boxes
(1) AT3000 Wireless Lavalier	(1) I-Face Portable Media Interface
(1) Sennheiser Wireless Handheld	Assorted Boom, Straight and Floor Mic stands.

Cable:

There is a limited amount of XLR, Speakon, 1/4 " cable and adaptors available.

Intercom

There is a Clear Com base station with wall boxes located backstage left and right. Clear Com can be sent to FOH mix position and followspots through the house snake. Five belt packs and several single or double muff headsets are available.

House Monitors

There is a basic monitor system which can feed program sound into the backstage lobby and outer lobby areas. There are no video monitors. There is no permanent paging system, though one can be arranged if requested. There are permanent monitors in dressing rooms (please request that they be turned on – these are separate from the lobby monitors). The Rehearsal Room, which is often used as performer support space, does not have permanent monitors, though this can be arranged if requested. If you require paging to dressing rooms or Rehearsal Room, please contact us to discuss.

Pianos and Organ

There is a 9' model D Steinway in the Concert Hall, serial #D437556.
If additional pianos are required, please call.
The organ is a Mohller 5 manual, 92 rank rebuilt by SSL.

Loading



The loading door is located on the stage right side. Equipment can be loaded through the loading door straight through the backstage right door. Maneuvering is tight for semis and large busses. There is a large area between the truck and the actual door into the building that is unprotected from the weather.

Keep in mind when planning for unloading that the double interior door dimensions are smaller than the loading door. Large items must be able to fit through the interior door or be able to be broken into smaller sections and reassembled.

Please call for directions and further information and to arrange vehicle parking.

Use 405 Rose Street, and zip code 40508 for GPS.

There is no lift and the Singletary Center does not own a dock plate, jump ramp or palette jack. If you require these items, please let us know well in advance so we can arrange.

Loading dock width: 14'-6"
Loading dock height from street: 3'

Loading door width: 8'-6-3/4"
Loading door height: 8'-4"

Backstage door opening: 7'-9-3/4" H x 5'-7-1/2" W
(5'-10" wide with both doors removed)

Labor

The Center uses primarily student labor, hiring union stagehands as necessary to supplement calls. We do not operate under contract with IATSE Local 346, but follow many of the same working conditions. Hiring is determined by the Production Director and Patron Services Coordinator (for house managers and ushers). IATSE Labor, when employed, will be billed on final invoice at their prevailing rates. For more information, please contact the Production Office.

Equipment Rentals

The Center does business with several AV, lighting and sound companies and we are happy to arrange rentals for your event. Costs of all rentals will be borne by the client. If you require equipment that the Center does not have in stock, please provide a technical rider or description of what you require and we'll find it for you.

Dressing Rooms

There are four star dressing rooms in two suites. Dressing Rooms A and B form a suite which is separated by a bathroom (toilet, shower, and sink), and Dressing Rooms C and D form a suite in the same way. These rooms can accommodate 1-4 people comfortably, more as is necessary. Touring shows typically use one star dressing room as a production office. A large green room can be rented (the Rehearsal Room) as space for catering, large groups, chorus room, production etc. This room is a classroom during the academic year and becomes available in evenings. Due to this limitation with the availability of the room, the President's Room off the main lobby is often arranged for catering and support space. Pipe and drape can be rented to allow continuous use of this room through doors, and create a barrier for more private access to the room while patrons are in the building. For large tours, it is also possible to arrange the rental of the small stage (the Recital Hall) for dead case storage, production office, green room or catering space). These arrangements should be arranged at the time the venue is contracted to insure availability.

Hospitality, Catering, Artist and Tour Services

Hospitality and catering are to be arranged by the client. Our staff can recommend several local caterers who are on the approved catering list to do business on campus. The University of Kentucky Dining Services catering has often been used for catering large tours to everyone's satisfaction. Please note that the University of Kentucky is a dry campus. Alcohol on site must be approved in advance.

Wifi is available without password at no charge in the facility. Look for the unsecured uky.edu. Hard wired internet connection or a land line can be made available with advanced notice. Please let us know if you require either well in advance so that we can make arrangements for you.

Our staff can help you find the local services you need for a successful experience in our venue. From runners to repair services, hotel recommendations and restaurants, please let us know how we can help you.