



Concert Hall Technical Specifications

University of Kentucky Singletary Center

Lexington, Kentucky

Revised 09/06

General Information

Year Constructed: 1979
Year of Most Recent Renovation: 2002 (lighting)
Capacity: 1467+20 Handicapped Accessible

Address:
University of Kentucky
Singletary Center for the Arts
Room 126
Lexington, KY 40506-0241

Owner: University of Kentucky
Director: Michael Grice
Optional Seats (Orchestra Pit): 28 additional

Main Office: (859) 257-1706
Production Office: (859) 257-4776
Patron Services: (859) 257-2414
Ticket Office Manager: (859) 257-5030
Fax: (859) 323-9991

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.

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: 6'-6"

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"

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. These are a combination of older platform risers and new Versalite decks with interchangeable leg sizes. Additionally, 5 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.

Batten	Length	Load Limit	Normal ("Play") Trim	Max ("Store") Trim	Notes
1	60'-0"	1200 lbs	25'-0"	30'-4"	Furthest DS position; Raceway with lighting circuits and audio inputs
2	52'-0"	1400 lbs	20'-6"	30'-10"	Raceway with lighting circuits
3	34'-0"	1500 lbs	18'-6"	34'-0"	Raceway with lighting circuits
4	60'-0"	1800 lbs	30'-0"	48'-8"	No raceway; batten extends off into wings

Drapery 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)

House curtain:

Traveler, manually operated from stage right. It is light green.

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 NET2 based system installed in 2002.

Dimming:

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

Console:

ETC Expression 3 with Emphasis 3D 500 Channel upgrade, located rear center of house. There is a portable Unison 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
- * Unison 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

- * 3 portable network nodes, usable at any lighting position, can distribute DMX for moving lights, scrollers, or other DMX controlled devices.
- * Stage Manager's Panel has network nodes to distribute DMX on two universes to devices on the deck. There is also a DMX input to allow clients to control the Center's dimming system with their own console.
- * 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

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 limited amount of cable available.
- 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
- (1) 200A/240V 3 Phase disconnect located in loading dock behind upstage right backstage door
- (1) 100A/240V 3 Phase disconnect located in loading dock behind upstage right backstage door

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 for general PA announcements.

Console:

Mackie 32x4, with 6 Aux sends. Located center rear of hall.

Amp:

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

EQ:

- (2) Sabine Graphi-Q with (1) Behringer Composer Model MDX2100 Compressor/Limiter and Expander/Gate
- (1) Rane Real Time Analyzer

FOH Cabinets:

(2) EAW LA420 Speaker cabinets, normally flown down center

Monitors:

(2) Grund wedge monitors

Snake:

(1) 12x8 permanent snake, starts backstage, downstage right and ends upper house left wheelchair section. From here, a jump is in place to console.

Mics:

- (4) Shure SM57
- (1) Shure Beta SM57
- (6) Shure SM58
- (1) Shure Beta SM58
- (4) Crown PCC's
- (2) PZM's
- (2) Crown CM-700
- (1) Shure LX4 Wireless (lapel or handheld)
- (2) Whirwind Direct Boxes
- (8) Boom stands
- (8) Straight 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. Several belt packs and 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. Please call for directions and further information and to arrange vehicle parking. There is a large area between the truck and the actual door into the building that is unprotected from the weather.

Loading dock height: 3'-0" above street level.

There is no lift and the Center does not own a dock/jump ramp.

Loading dock width: 14'-6"

Loading door height: 8'-4"

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

Backstage door opening: 7'-9-3/4" H x 5'-10" W

Labor

The Center uses primarily student labor, hiring union stagehands if necessary to supplement calls. We do not operate under contract with IATSE Local 346. Hiring is determined by the Production Director and Patron Services Coordinator (for house managers and ushers).

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 on your space request form.