



Kansas City Music Hall Technical Information

Revised 1/31/2020

Stage Dock

1310 Wyandotte
Kansas City, MO 64105
(816) 513-5000 phone
(816) 513-5001 fax

Auditorium Seating

Maximum Capacity:	2385 Seats
Orchestra Floor:	1185 seats + 10 wheelchairs
Boxes and Loge:	282 seats
Balcony:	918 seats

Stage Dimensions

Proscenium Opening:	46' 2"
Proscenium Height:	23' 7" (curtain) 28' (plaster)
Curtain Line to Upstage Wall (Stage Depth):	47' 8"
Curtain Line to Apron edge:	7' 5"
Orchestra Pit Depth (from stage):	8' 5"
Orchestra Pit Length:	49' 2"
Orchestra Pit Width:	9' 7"
Stage Width:	90' 6"
Center Line to Stage Left rail:	42' 6"
Center Line to Stage Right wall:	48' 0"
Center Line to SR fly floor overhang:	40': SL 36' 5"
Clearance under fly floor overhang:	30' 8"
Proscenium Arch to Stage Left Pin Rail:	19' 6"
Proscenium Arch to Stage Right wall:	24' 0"
Stage Height from Orch. Floor:	3' 8"

Backstage Facilities

Loading Dock Door:	1306 Wyandotte at ground level
Loading Dock Door Width:	11' 5"
Loading Dock Door Height:	9' 6"
Freight Elevator Width:	8' 6"
Freight Elevator Height:	9' 0"
Freight Elevator Length:	28' 4"
Freight Elevator Weight Capacity:	13,000 lbs.
SL Rolling Door Width:	10' 0"

SL Rolling Door Height:	15' 10"
SR Door to Dressing Rooms Width:	32"
SR Door to Dressing Rooms Height:	6' 10.5"
Grid Height:	75' 0"
System pipe out trim height	73' 6"
Main well channel:	75' to top, 74' to bottom

Dressing Rooms

All dressing rooms are equipped with: mirrors with lights, counters (or tables), sinks, chairs. Principle dressing rooms are located near bathrooms with a shower. Chorus rooms have restrooms only.

Stage Level, Stage Right:

- 2 Star Dressing Rooms (1 or 2 person)
- Full Bathroom with sink, toilet & shower
- 3 Principle Dressing Rooms (1 or 2 person)
- 2 Principle Dressing Rooms (1 to 4 person)

Stage Level, Stage Left:

- 1 Large Chorus Room
- (48 person max/24 comfortably)

Upper Level, Stage Right:

- 2 Star Dressing Rooms (1 or 2 person)
- Full bathroom with sink, toilet & shower
- 3 Principle Dressing Rooms (1 or 2 person)
- 2 Principle Dressing Rooms (1 to 4 person)

Upper Level, Stage Left:

- 1 large Chorus Room
- (48 person max/24 comfortably)

Total Performance Stations: 128 person max

Small Orchestra Pit

30 musician capacity max

Area Behind Orchestra Pit

This is a general-purpose room with approximately 940 square feet of space. It is the only access to the pit and has access to backstage and the house via stairs stage right. The freight elevator runs to this floor, through a small hallway and three steps down which may reduce usage.

FOH lighting rail Rigging Specs:

1. Maximum point load: 240lbs between any two support
2. Maximum uniform loading: 50lbs per linear foot, this shall not exceed 1920 lbs across entire span

Lighting Instrument Inventory

Quantity	Item	Lamp/Wattage	Make/Model
36	S4 Pars	750	ETC
24	36 Degree Lens Tube		ETC
24	19 Degree Lens Tube		ETC
24	26 Degree Lens Tube		ETC
12	10 Degree Lens Tube		ETC
36	LED Elipsoidal		ETC S4 Luster
10	CYC Lights LED		ETC Colorsorce
10	CYC Lens for S4		ETC S4
2	Followspots	1800W	Robert Juliet Victor

Additional lighting equipment is available for a nominal fee. Contact TJ Klein 816-985-9572 for info.

Lighting Throw Distance

Location	To Curtain	Angle	# Positions
Booth	150' 0"	19°	3
Front Balcony Rail	76' 0"	17°	42'
House Side Booms	55' 0"	30°	21'
Ceiling Portal (# 1)	63' 0"	58°	12
Ceiling Portal (# 2)	71' 0"	50°	14
Ceiling Portal (# 3)	79' 0"	42°	14

Stage Lighting Control System

Item	Quantity	Location	Kind
Stage Dimmer	3	Under stage	ETC Sensor 96 ch Rack (x3)
House Dimmer	6	House Rt & Lt in organ loft	--
Light Board	1	Stage Right	ETC ION
Inputs	24	Balcony rail	3 Pin
	12	Box Boom in boxes	3 Pin

Stage Electrical Circuit Schedule

	Location	Circuits
Front of House	House Right Side Boom	165 - 170
	House Left Side Boom	171 - 176
	Ceiling Portal (# 1)	177 - 188
	Ceiling Portal (# 2)	189 - 200
	Ceiling Portal (# 3)	201 - 212
	House Right Box	301 - 312
	House Left Box	337 - 348
	Balcony Rail	313 - 336
On Stage	SR Sidetab	1 - 60, 89 - 104
	DSR	141 - 144, 213 - 224

USR	149 - 152
SL Sidetab	105 - 108, 113 - 116, 121 - 124, 129 - 132
DSL	137 - 140
USL	145 - 148
Border Light (DS)	61 - 68
Border Light (CS)	69 - 76
Border Light (US)	77 - 84

Road Patch

Down Stage Right - 300 Series
Stage Left - two (2) 600 amp 3 phase
Stage Right - one (1) 600 amp 3 phase

Stage Rigging Schedule

All batons are 48" to 50" long.

Border light at 5'1" is block and fall on stage left.

There is a 2" pipe on worm screw winch in front of the proscenium.

#	From Curtain	Purpose	#	From Curtain	Purpose	#	From Curtain	Purpose
1	0' 6"	General	22	11' 4"	General	43	21' 0"	General
2	1' 0"	General	23	11' 10"	General	44	21' 6"	General
3	1' 4"	General	24	12' 4"	General	45	21' 10"	General
4	1' 8"	General	25	13' 0"	General	46	22' 4"	General
5	2' 4"	Traveler	26	13' 4"	General	47	22' 9"	General
6	3' 5"	General	27	13' 9"	General	48	23' 2"	General
7	3' 8"	General	28	14' 2"	General	49	23' 7"	General
8	4' 0"	General	29	14' 7"	General	50	24' 0"	General
9	4' 6"	General	30	15' 0"	General	51	24' 6"	General
10	5' 8"	General	31	15' 5"	General	52	25' 0"	General
11	6' 0"	General	32	15' 11"	General	53	25' 8"	General
12	6' 6"	General	33	16' 5"	General	54	26' 10"	General
13	7' 0"	General	34	16' 11"	General	55	--	SL Sidetab
14	7' 4"	General	35	17' 5"	General	56	--	SR Sidetab
15	7' 9"	General	36	17' 11"	Border	57	28' 0"	General
16	8' 2"	General	37	18' 4"	General	58	29' 0"	General
17	8' 8"	General	38	18' 10"	General	59	30' 0"	General
18	9' 0"	General	39	19' 2"	General	60	30' 6"	General
19	9' 6"	General	40	19' 8"	General	61	31' 0"	General
20	10' 2"	General	41	20' 2"	General			
21	10' 10"	Border	42	20' 8"	General			

Stage Drapery

Item	Amount	Width	Height	Material	Color
House Curtain	1	--	--	--	Gold
Teasers	5	50' 0"	9' 0"	Velour	Black
Teasers	1	60' 0"	9' 0"	Velour	Black
Traveler	1	30' 0"	55' 0"	Velour	Black
Legs	4	13' 0"	30' 0"	Velour	Black
Legs	3	24' 0"	30' 0"	Velour	Black
Drop	1	55' 0"	30' 0"	Velour	Black
Drop	1	55' 0"	30' 0"	Lame	Gold
Drop	1	55' 0"	30' 0"	Lame	Silver

Stage Power

Qty.	Item	Location		
			1	600A 3 Phase
			2	600A 3 Phase

Down Stage Right
Stage Left (upstage)

- 1 Isolation Transformer Mobile
75KBA 3 Phase 60hz type HT Voltage
208Y/120-208Y/120

Hearing-Impaired System

Williams Sound with 4 emitter panels and 24 patron receivers, 2 standard line level inputs: one on equipment rack and the other under the loge at the back of the house near the sound board location.

Sound System

Item	Qty.	Kind
Center Cluster	10 boxes	d&b Yseries line array (array processed)
Subs	2	d&b B22 Subs
16-32 ch mixer	1	Yamaha QL1
Microphones	3	Sennheiser e835
DI boxes	3	Whirlwind IMP2
FOH Snake	1	48 ch Whirlwind snake

Intercom System

Kind	Stations	Mix Location	Headsets
Clear Com	2-booth 3-DSR 1-DSL 1-USL	Down Stage Right	10 on premises (more available with advanced notice)

Touring Facilities

There are two sets of Permanent washer and dryer with hook-ups for 2 additional sets, 100 amp 3 phase shore power available with advance notice, and phone service is available at extra cost with advance notice.

Large Freight Deliveries

Large deliveries will be accepted from 10 AM to 4:30 PM Monday through Friday only at 1306 Wyandotte St. at the truck door. If a fork lift will be required, please call ahead one half hour prior to arrival so as to allow time for locating the fork lift and moving it to that location.

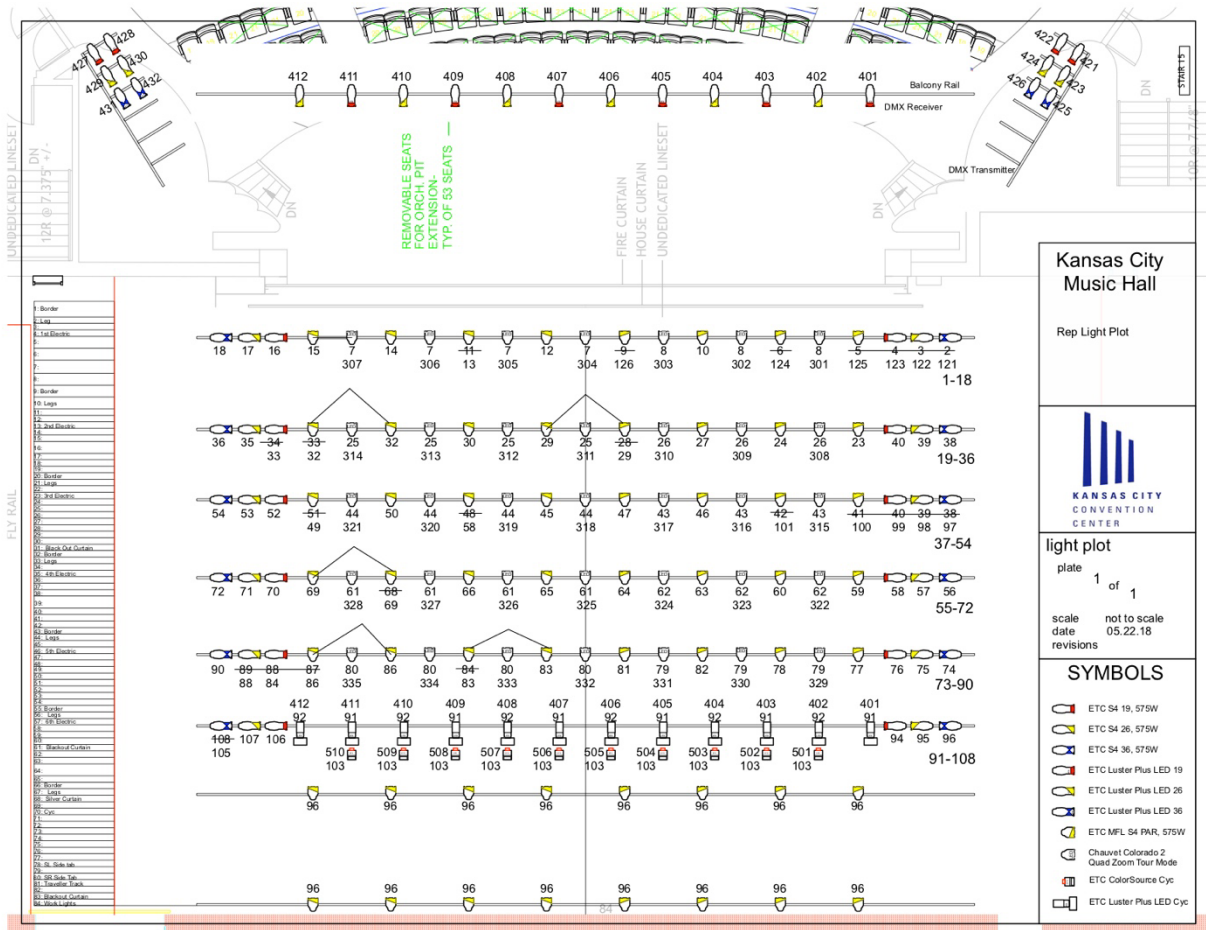
Other Deliveries

When sending mail or Fed Ex packages to the company, please have them delivered to the hotel at which the company member is staying while in Kansas City. If the material must go to the Theater, please have the material delivered to:

Company Member's Name
The Name of the Show
C/o The Music Hall
301 W. 13th Street, Suite 100
Kansas City, MO 64105

If delivery is of a size or weight too large to be handled by one person without the aid of a cart or other moving device, or the delivery will have a declared value of more than \$200.00 or if the delivery is paramount to show production, please notify the company member when it will be arriving and have them make arrangements to have it picked up and dealt with in Kansas City. If you have any questions, the number (800) 821-7060 rings the above address.

Lighting Base Plot



Street View and Push Path



Freight Elevator View and Basement Storage

