



FOLLY THEATER  
 300 W. 12th Street  
 Kansas City, Missouri 64105

## Technical Specifications

### CONTACT INFORMATION

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**The Folly Theater is a non-smoking facility.**

Note: Please confirm specific equipment needed as some be replaced or under repair.

**Semi-Trucks** must be unloaded/loaded in the street (Central Street) due to the pitch of the drive entering the stage door. Any street parking requires parking permits with the City of Kansas City, MO and must be requested in writing no later than 10 days prior to event.

Trucks more than 8' 10" wide will not fit in the door making it impossible to use the dock plate.

**Bus Parking** must be parked in the street due to the pitch of the drive (you will high center).

There is a hydraulic dock plate in the receiving area that raises to truck height.

Any street parking requires parking permits with the City of Kansas City, MO and must be requested in writing no later than 10 days prior to event.

Load-In Doors:	Receiving Doors to Stage	Proscenium
Width 9'0"	Width: 6'7"	Width: 33' 11"
Height 15'6"	Height: 21' 5"	Height 21' 6"

### Stage Dimensions

Depth plaster line to back wall	26' 7"
Distance from edge of stage to house curtain line	11' 9"
Distance from edge of stage to plaster line	10'
Distance SL wall to SR wall	66'
Offstage space SL	16'
There is a covered set of stairs leading to the basement on this side	11'3"x 5' 3"
Offstage space SR	16'
Height under fly galleries	24' 7"
Height under upstage bridge	23' 11"
This bridge connects the left and right fly lofts	
Height to bottom of speakers centered under fly lofts SL and SR	22' 4"

### Stage Floor

1 1/2"x 3" tongue and groove fir over 3/4" plywood on 2" x 12" joists

## Orchestra Lift

The orchestra lift is one piece

6' x 24'

It will seat 12 musicians on lift and approx. 16 more in the trap room (under the stage) when lift is lowered.

The pit is raised and lowered on screw jacks. It takes approximately seven minutes to travel one way.

No audience seating on lift.

## Orchestra Shell

Six (6) sections. No ceiling pieces.

Width 12'

Height 21'

## Rigging

Grid height 60'

Pipe travel 4' to 55'

Pipe length 42'

There are fly galleries left and right with pinrails at both positions and a locking rail stage right. Access is via straight ladder up the wall, upstage right and downstage left.

## Counterweight Sets

18

(4 lines per set)

This is a double purchase system

Line sets are rated for **1000 lbs. (600 lbs. due to arbor size)**

Line set #1 is the grand drape

Line set #4 has a plugging strip

## Manual (Rope and Sandbag) Sets

8

See line set schedule

Sets are rated for **500 lbs.** each. (3 ropes per set)

## Soft Goods

Grand Drape	28' x 22'	Red with Gold Fringe. Two panels split in center 50% fullness Can fly or travel	1
Legs	11' x 30'	Black Sewn flat	3 pair
Borders	15' x 44'	Black Sewn flat	4
TravelerTrack	30' x 22'	Black Two panels split in center 50% fullness	1
Split Black	30' x 24'	Black Two panels sewn flat	1
White Cyc	30' x 44'	Seamless filled leno	1
White Scrim	30' x 44'	Seamless sharkstooth	1
Black Scrim	30' x 44'	Seamless sharkstooth	1
Screen	19' x 24'		

## Electrical Information

**Company switch** upstage right

600 amps AC, 3 phase 4 wire with ground, 120/208 volts

Bare ends hookup

**T. V. switch** in receiving area off stage right

200 amps AG, 60 cycle 3 phase 4 wire (waterpipe ground)

120/208volts.

Bare ends hookup

**On stage circuits**, Edison plugs, grounded

3 20 amp circuits on upstage wall

1 20 amp circuit downstage left proscenium wall

2 20 amp circuits downstage right proscenium wall

ETC ION 1500 w fader wing lighting console

ETC Sensor Rack dimming control (house lights included)

## Lighting Inventory

ITEM	CIRCUITS	QUANTITY
10 degree ETC Source Four		16
19 degree ETC Source Four		23
26 degree ETG Source Four		32
26 degree ETC Source Four jr		10
36 degree ETC Source Four		92
50 degree ETC Source Four		24
Altman Far Cyc 3 circuit	3 circuit	6
Altman Zip Strip 6' (MR-16)	3 circuit	5
Source Four PAR		24
Altman PAR 64		24MFL*
*some other PAR beam widths available – please ask		
Strand 8" Fresnels		26
Century 6" Fresnels		9

## Sound information

Company switch downstage left proscenium wall

100 amps, A.C. 60 cycle 3 phase 4 wire with isolated ground 120/208 volts.

Bare ends hookup

4 Edison outlets 30 amp circuits stage left and stage right with isolated ground.

This is a mono system with separate balcony, lower house, and sub level control.

Road console can be patched into house via portable rack allowing access to house EQ

## Console

Yamaha M7CL-48 version 3 (digital sound console)

## Miscellaneous

Assorted cable

Mic stands

Adapters

Music Stands (16+)

## **Speaker Arrays and Amplification**

### **Center Cluster:**

(located over the proscenium, covers the orchestra level and the left and right boxes)

This array is comprised of:

- A pair of EAW AS422 low frequency cabinets driven by a Crown MT2400
- A pair of EAW AS460 mid/high frequency cabinets driven by a Crown MT1200
- Three (3) EAW horns driven by a Crown MT600
- A pair of EAW JF2601 full range cabinets (fill for the box seats) driven by a Crown MT600

### **Under balcony:**

There are five (5) EAW UB42 filling in under the balcony, three driven by a Crown MT1200 and two (2) driven by a Crown MT600

### **Ceiling Cluster:** (located in ceiling, covers the balcony levels)

This array is comprised of;

- A pair of EAW MQ1312/ow frequency cabinets driven by two (2) Crown MT 2400
- A pair of EAW MH 660E mid/high cabinets driven by a Crown MT1200 and a Crown MT2400
- A pair of EAW horns driven by a Crown MT1200

### **Subs** (located stage left and stage right)

A pair of EAW SB625P cabinets driven by a Crown MA3600VZ

### **Front Fills** (4) Meyer UPM-1P

### **Monitors**

Nine (9) Meyer USM-1P powered monitors

40 channel splitter with bay and 20' breakout snake

### **Playback**

Tascam SS-CDR200 (CD, SD, CF)

## Microphones

<b>HARD WIRED</b>	<b>MODEL</b>	<b>QUANTITY</b>
Shure	SM52	1
Shure	SM57	7
Shure	SM58	12
Shure	SM98	4
AKG	414	4
AKG	451B	4
Sennheiser	421	4
Sennheiser	E609	1
Sennheiser	RE18	2
Sennheiser	RE20	1
Neuman	KM184	2
Audio-Technia	857QL	2
Crown	PCC160	3
<b>WIRELESS</b>		
Shure ULXP4	Handheld w/SM58	6
	Beltpack (lavalier): Choice of Shure 185 or Countryman B3	5

**LINE SET SCHEDULE  
FOLLY THEATER  
300 West 12<sup>th</sup> Street  
Kansas City, MO 64105**

**(816) 842-5500 Office  
(816) 527-0800 Backstage  
www.follytheater.org**

From Proscenium	From Grand	Counterweight Set	Sandbag Set	House Hang	Show Hang
1'9"	0"	1		Grand	
2'6"	9"	2		#1 Border	
3'3"	1'6"	3		#1 Legs	
4'1"	2'4"	4		First Electric	
5'	3'3"	5		Screen	
5'7"	3'10"		A		
6'11"	5'2"		B		
7'3"	5'6"		C		
7'9"	6'0"	6		#2 Border	
8'1"	6'4"		D	#2 Legs	
8'9"	7'0"	7			
10'	8'3"	8		#2 Electric	
10'9"	9'0"	9			
11'10"	10'1"	10		Split Black	
12'7"	10'10"		E	#3 Border	
		<b>Supporting</b>	<b>Beam for Grid</b>		
14'6"	12'9"		F	#3 Legs	
15'3"	13'6"	11			
15'9"	14'0"		G		
16'7"	14'10"	12		# 3 Electric	
17'11"	16'2"	13		Far Cyc Electric	
18'7"	16'10"	14			
19'2"	17'5"		H		
19'7"	17'10"	15		Traveler Track	
20'3"	18'6"	16		#4 Border	
20'10"	19'1"	17		Cyclorama	
		<b>Crossover</b>	<b>Bridge for</b>	<b>Fly Galleries</b>	
26'7"	24'10"	18			
26'11"		<b>UPSTAGE</b>	<b>WALL</b>		

**NB: 17 and 18 are almost six feet apart and there is a crossover bridge between them.**