



**University
of Dayton**

Dayton, Ohio

Boll Theatre

Technical Specifications

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BOLL THEATRE

The John F. Kennedy Memorial Union, University of Dayton

TECHNICAL INFORMATION

SUMMARY:

The stage is a proscenium style stage. The floor is flat, 1/4" Masonite painted black, and can be fastened into with permission. There are pre-cut traps and floor pockets. The seating is all on the main floor with no balcony. There are two entrances into the theatre; one left and one right. The control booth is located on the 2nd floor.

Theatre Capacity:	371	
Theatre Capacity:	359	with tech table for audio
Stage Width:	57'6"	(Side wall to side wall)
Stage Depth:	30'	(Proscenium to back wall)
	38'	(With stage lift at stage level)
Grid Iron Height:	Top: 45'11 5/8"	
	Bottom: 44'11 1/2"	
Grid Iron Ceiling:	52'0 3/4"	
Loading Bridge:	Top: 36' 10 3/8"	
	Bottom: 36'5"	
Operator's Bridge:	Top: 15'7 13/16"	
	Bottom: 14'3 3/8"	
Maximum Batten Height:	42' (depending on arbor size)	
Proscenium Height:	20'	
Proscenium Width:	32'	
Stage Lift:	24' x 8'	(Hydraulic)
Depth in Front of Curtain:	3'	(Without stage lift)

LIGHTING EQUIPMENT:

1	ETC ION XE 20 Light Control Console
99	ETC Source Four lamp body 575w
32	Source Four lens tube (6x16) <u>19 degrees</u>
65	Source Four lens tube (6x12) <u>26 degrees</u>
58	Source Four lens tube (6x9) <u>36 degrees</u>
10	Source Four lens tube (4.5x6) <u>50 degrees</u>
10	Source Four Zoom <u>15-30/25-50 degrees</u>
2	High-End Sola Frame 750 Moving Lights
32	ETC ColorSource Spots – Deep Blue
21	ETC ColorSource Pars – Deep Blue
7	ETC ColorSource Cyc Light – Deep Blue
10	Three Cell Altman Color Cyc Units 1K each cell
24	Par 64's
9	Altman F100 Mini Fresnels
2	Dove 4 channel shoebox dimmers
16	Wyberon Forerunner Color Scrollers (color available upon request)
6	GAM Twin Spin II
8	Apollo Iris units
2	ETC Image pro Gobo Projectors
2	Lycian Midget Follow Spots
8	ETC I-CUES
24	Circuits in FOH 2/Cove
158	Total Circuits (excluding house circuits)
2	Sensor 3 Racks (18 empty slots including spares)
81	D20 Dimmers

LIGHTING EQUIPMENT (continued):

6	ETC TR20SAF Sensor3 Series Thru Power Module
6	ETC TR20AF Sensor3 Series Thru Power Module
3	12" Barn Doors
3	8" Barn Doors
10	5 ½" Top Hats
2	6 ¼" Top Hats
8	Broadway Extenders for I-Cue to Color Scroller
17	5 ½" Donuts
16	8" Donuts
11	Drop-in manual irises
1	Disco Ball 16"
1	Radiance Hazer
2	Chauvet Vesuvios
10	50# Boom Bases
19	25# Sandbags
38	Safer Side Arms
3	6" Extension Arms
10	9" Extension Arms
1	12" Extension Arm
10	18" Extension Arm
2	24" Extension Arm

VIDEO EQUIPMENT:

1	Epson Power Lite Pro G6050NL 55ANSI Lumen WXGA Projector (mounted in the control booth) Lens: Middle Throw #2 3.5:1-5.4:1
1	Panasonic DVD/CD Player

SOUND EQUIPMENT:

1	Yamaha QL5
2	Yamaha Rio1608-D Rio Series 16-in/8-out Remote Stage Box
2	Numark MP102 MP3 CD player (primary)
1	MacBook Pro loaded with Q-Lab
2	Corded SM58 Microphones
1	Corded SM 57 Microphone
1	Shure QLXD wireless body microphone and receiver*
2	Shure QLXD wireless handheld microphone and receiver*
	* Rents at \$50.00 each per day.
2	Stereo Front of House (1 Left and 1 Right) - QSC KW122 1,000-watt PA Speaker with 12" Low-frequency Driver and 1.75" High-frequency Driver (Active)
2	Mono Center Cluster - QSC KW122 1,000-watt PA Speaker with 12" Low-frequency Driver and 1.75" High-frequency Driver (Active)
2	Monitors (1 Left and 1 Right - QSC KW122 1,000-watt PA Speaker with 12" Low-frequency Driver and 1.75" High-frequency Driver (Active). Flown on Batten 13
2	Surround (1 House Left and 1 House Right - QSC KW122 1,000-watt PA Speaker with 12" Low-frequency Driver and 1.75" High-frequency Driver (Active). Behind the last row of seats.
2	Left and Right – QSC KW181 1,000-watt Subwoofer with 18" Low-frequency Driver

SOUND EQUIPMENT (continued):

- 1 Booth - 2 KRK Rokit powered monitors (Active)
- 4 Spare QSC KW122 1,000-watt PA Speaker with 12" Low-frequency Driver and 1.75" High-frequency Driver (Active)
- Assorted Cables and Adaptors

STAGE EQUIPMENT:

- 35 2:1 counterweight line set (located 15' above stage, SL)
- 1 White Cyclorama 40' x 21'
- 1 Black Scrim 44' x 24'
- 8 Black Drapery for 4 Travelers or 8 Legs
- 1 Movie Screen 20' x 20'
- 1 Brown Baldwin 6' Concert Baby Grand Piano
- 1 Backstage Closed-Circuit Infrared TV system viewing the stage (Monitor in Control Room)
- The floor from plaster line to the last line set can be covered with "Marley" for dance events

BACKSTAGE FACILITIES:

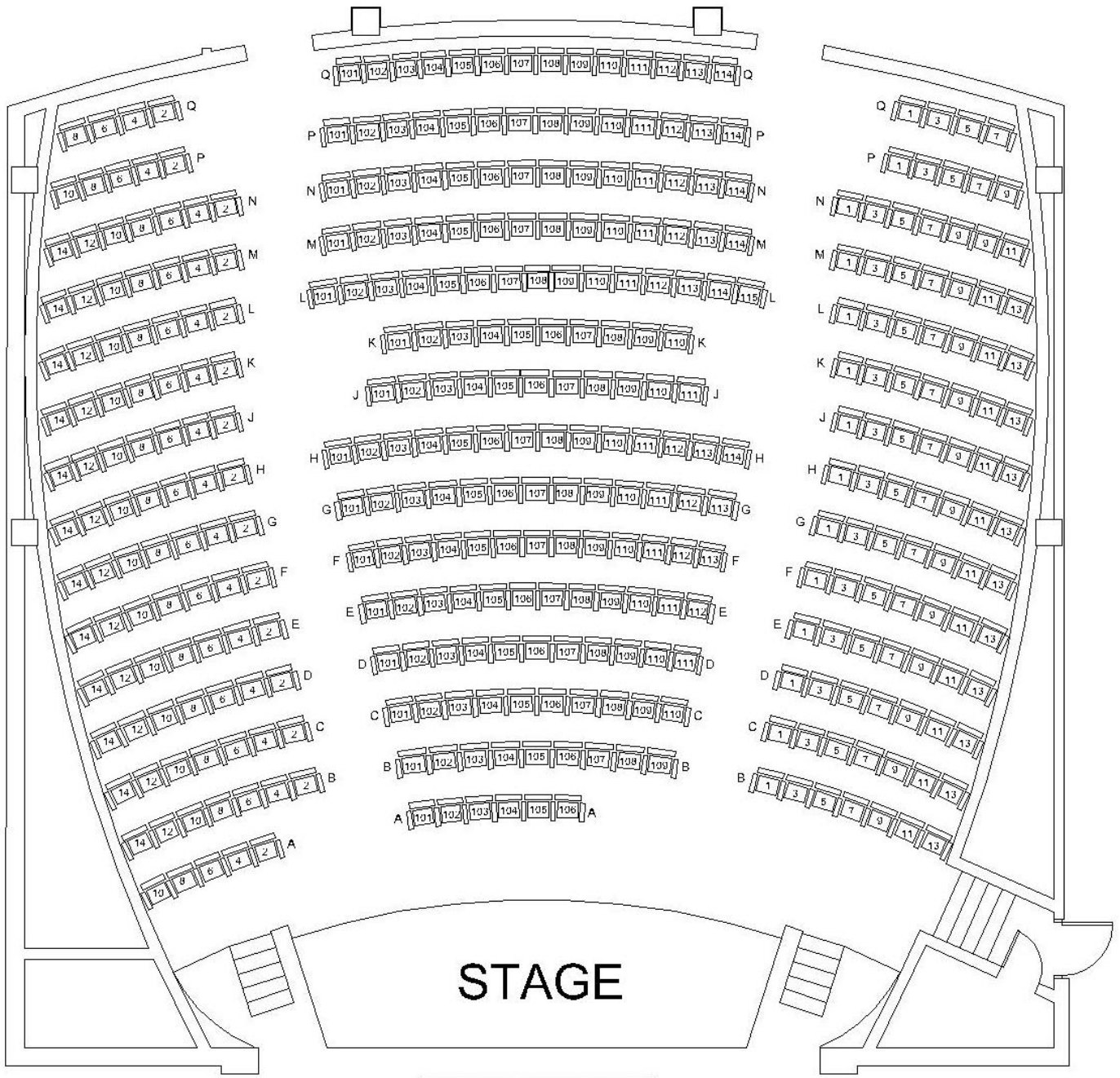
- 2 Dressing Rooms – each with a lavatory, shower. Capacity 20 each.
Note: The theatre does not have a green room
- 1 Loading Dock with access to stage lift. (Dock is not at stage level or typical dock height), Dock Door Opening: 6'7" Wide X 7'11" Tall

HEADSETS:

Clear-Com Encore

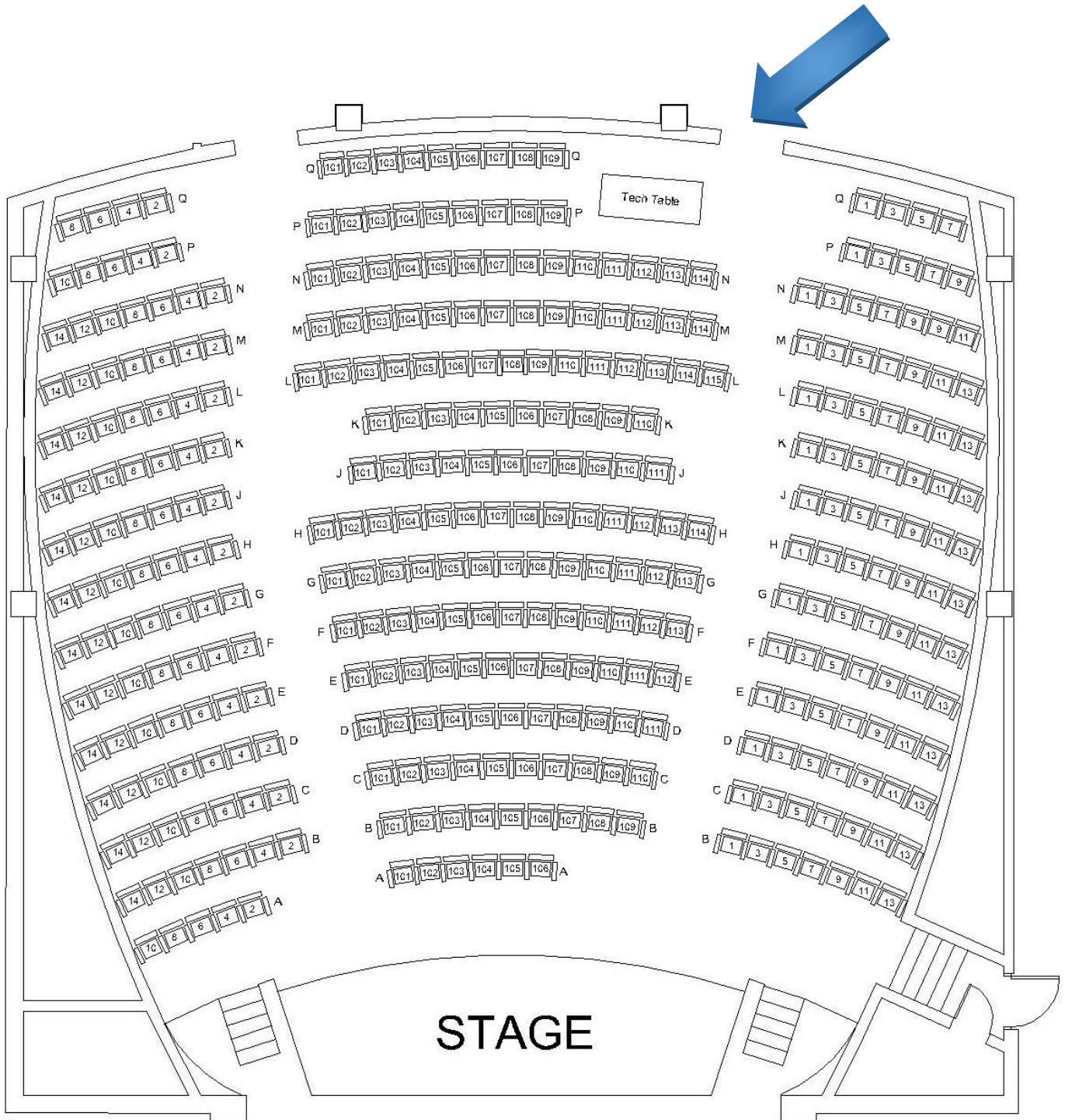
- 1 MS-702 two-channel main station (located in the control booth)
- 2 KB-702 two-channel speaker station (one in each dressing room and one situated in the house management position)
- 11 CC-300 single muff headsets
- 2 HS-6 telephone style headsets (one located at the house management position and one for audio)
- 3 FL-7 Call Signal Flasher
- 9 RS-701 Single channel belt pack
- 3 RS-702 Dual channel belt pack
- 1 NuDelta cue light system (6 stations)

SEATING CHART FULL CAPACITY:



Seating Capacity 371

SEATING CHART FULL PARTIAL CAPACITY WITH TECH TABLE:



Seating Capacity 359

RIGGING SCHEDULE:

POSITION #	FROM PLASTER	ITEM	NOTES
1	1'	GRAND VALANCE	
2	1'9"	GRAND DRAPE	
3	2'6"	PROJECTION SCREEN/BLACK LEGS	
4	3'3"	1LX	
5	4'		
6	4'9"	2LX	
7	5'6"		
8	6'3"		
9	7'	BLACK TRAVELER	
10	7'9"	BORDER	
11	8'6"	ELECTRIC	
12	9'3"		
13	10'	MONITORS	
14	10'9"		
15	11'6"	CURTAIN TRACK	
16	12'3"		
17	13'	BLACK TRAVELER	
18	13'9"		
19	14'6"		
20	15'3"	BORDER	
21	16'	3LX	
22	16'9"	REAR PROJECTION SCREEN	
23	17'6"	4A LX	
24	18'3"	BLACK TRAVELER	
25	19'	BORDER	
26	19'9"		
27	20'6"	4B LX	
28	21'3"	5LX	
29	22'	BORDER	
30	22'9"	BLACK TRAVELER	
31	23'6"		
32	24'3"		
33	25'	6LX	
34	25'9"	BLACK SCRIM	
35	26'3"	CYC	

Directions:

**University of Dayton Kennedy Union Boll Theatre
Kennedy Union, 300 College Park, Dayton, OH 45469**

These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly.

- Take exit 51 for Edwin C Moses Blvd toward Nicholas Rd (0.1 mi)
- Turn right onto S Edwin C Moses Blvd (0.8 mi)
- Turn right onto W Stewart St (0.4 mi)
- Turn right onto S Main St (0.4 mi)
- Continue on Sawmill Rd to your destination (0.9 mi)
- Turn left onto Sawmill Rd (0.2 mi)
- Continue onto Kiefaber St (0.3 mi)
- Turn left onto Founders Ln (0.1 mi)
- Turn left onto Stadium Rd (85 ft)
- Turn right onto Alumni Ln (0.1 mi)
- Keep right (43 ft)
- Turn right, Destination will be on the right (135 ft)

