

# TECHNICAL SPECIFICATIONS

## The University of Memphis | Michael D. Rose Theater

### Theatre Location

470 University, Memphis, TN 38152-3824

### Administrative Office and Mail

University Center Scheduling Office  
499 University Ave, Suite 255  
Memphis, TN 38152-3824

### Personnel

Sales and Marketing Coordinator	Julie Green	jegreen2@memphis.edu	901.678.3946
Event Coordinator	Clay Elder	cdelder@memphis.edu	901.678.4335
Event & Production Coordinator	Callin Hinze	mchinze@memphis.edu	901.678.3091

### Loading:

**See attached map:** The street-level loading dock is down a 640 ft. driveway. It is accessed via the right-most *double* gate off Zach Curlin. Distance from truck parking to street-level dock is approximately 50 ft. There are no stairs. Entrance to the backstage area is through a 7.5' x 7.5' garage door, with a 90 degree turn and up a 36' ramp. Storage for scenery is limited to a space approximately 20' x 30'. Entrance to the stage is through another 7.5' x 7.5' garage door.

**Note:** All vehicles must be moved to alternate parking after loading. Parking passes may be obtained through the scheduling office.

## Facility

### Seating Capacity

Installed Seats	921
Mobility Impaired Seats	13
Total	<b>934</b>

### Theatre Dimensions

Proscenium Width:	60'
Height of Stage from Floor:	3'6"
Stage Depth from Plaster Line:	21'
Stage Depth from Apron:	28'
Stage Width, Wall to Wall (including wings)	80'
Grid Height (Note, All batons are dead hung)	25'
FOH lighting position height:	30'
Projector and Sport to Screen:	94'
Projector to Back Wall of Stage:	112'
Sound and Light Position from Plaster Line:	86'
Wing Space SR:	10'
Wing Space SL:	3'

## Soft Goods

---

There are 3 full black travelers placed US, MS and DS. The MS and DS travel by mechanical winch.  
Teasers are trimmed at 24'6".  
All soft goods are dead-hung.

## Stage Floor

---

Tongue and groove yellow pine over ¾" fire treated plywood on sleepers. Sleepers sit on asphalt.  
There is an MDF Dance Floor (required for any dancing with shoes)  
There is a Marley Dance Floor in stock (required for dancing barefoot)  
The stage is painted black.

## Dressing Rooms

---

Two dressing rooms and one green room available approximately a 50ft walk from SL stage entrance.  
Both dressing room equipped with one restroom with shower, paging system and video feed of stage.  
The dressing rooms do not lock. The green room does lock.  
Racks, steamer in stock.

## Main Lobby

---

5,000 sq. ft.  
Equipped with paging speakers (can be used for house music or paging)

## South / Entertainment Lobby

---

1,400 sq ft.  
Capable of theatre style seating for 85  
Projection Screen and projector  
Smart Podium, lectern microphone, Desktop PC, AUX cable for Phone Audio.

## Communication

---

The Theatre is equipped with a Clear Comm intercom system with stations at SL, SR, spot tower, light board, sound board, and projection booth.  
There are video screens displaying a live feed from the stage located off stage left, and in both dressing rooms.

## Electrical

---

- 1 400A/208v, three phase , Camlock company switch midstage back SR
- 6 20A/120v circuits backstage SR
- 2 20A/120v circuits downstage over 5 receptacles
- 1 20A/120v circuit SL
- 2 Additional 200A/208v switch located in the rear loading dock

## Lighting Equipment

---

10	Altman	15-35 Zooms	750w
12	Altman	20 Shakespeare	750w
12	Altman	30 Shakespeare	750w
32	Altman	Star Pars	750w
18	Source 4	Parnell	575w
9	Altman	8" Fresnel	1000w
1	Source 4	36	575w
2	Altman	6 x 9	750w
2	Lycian	Super Arc HT1400	1000w

## Additional Lighting Equipment

---

18	Barn Doors	93	Independent Circuits (dimmer per)	ETC Ion
5	Pattern Holders		2.4kw ETC SR48 Sensor Dimmers	

Dimmers

Control

## Projection

---

Projection Screen	12' US 35'w x 15'h
LCD Projector	Panasonic PT-DW100U
Blue Ray Disc Player	D&M DBP-2012UDCIP Blu-Ray DVD/CD Player
Surround Sound	PROCISE 7.3 High-Definition Professional Surround Sound Processor

# Audio Equipment

---

## Audio Capabilities

---

- 48 mono inputs and 4 stereo inputs via the Yamaha M7CL (37 On-stage XLR inputs)
- 4 Channels of Shure ULXD Wireless
- 6 Monitor outputs on stage (NL4 Jacks)

## Inputs

---

- 27 XLR inputs on both SL and SR
- 10 XLR inputs on stage in floor pockets

## FOH

---

- 1 Yamaha M7CL-48 Mixing Console

## FOH Playback

---

- 2 Denon CD/Tape Playback with Remote

## Digital Signal Processors

---

- 3 Biamp Audia Flex DSP Units over CobraNet

## FOH Speakers

---

- 3 JBL Flown arrays
- [Surround Sound](#)
- 5 Crown Com-Tech 1610
- 8 Crown Com-Tech 810
- 2 Crown Com-Tech 410
- 1 Crown Com-Tech 210

## JBL Flown Arrays

---

- [Two side arrays each containing:](#)
- 2 A642A Subwoofers
- 1 4894-90A Two-way loudspeaker
- 1 4893A Compact Subwoofer
- 2 489A Compact Two-way loudspeakers
- [One center array containing:](#)
- 2 4892A Compact Two-way loudspeakers
- 2 4893A Compact Subwoofers
- 1 4894-90A Two-way loudspeaker

## Monitors

---

- 6 Monitor Out channels onstage
- 5 JBL JRX-112M
- 3 JBL Sound Factor SF12M

## Hearing Impaired System

---

- Phonic Ear PE 500R

## Microphones

---

- 4 Wireless Shure 58
- 6 Wired Shure 58
- 8 Shure 57
- 6 Shure 81
- 1 Shure PG52
- 2 Shure PG81
- 3 Shure PG56

## Microphone Stands

---

- 10 Tall Boom Stands
- 8 Tall Straight Stands
- 6 Short Straight Stands

## Other In-House Equipment

---

- 3 Music Stands
- 2 50' 8 Channel Snake
- 2 12 Channel Snake
- 6 Passive DI Boxes
- 1 9ft. Kawai Piano
- 29 Guest Chairs
- 1 Podium with 8" Gooseneck
- 4 Guitar Stands