

Princess Theatre Center for the Performing Arts

112 2nd Ave NE, Decatur, AL 35601-2349

www.princesstheatre.org

TECHNICAL INFORMATION

Technical Director: [Penny Linville](#)

AUDITORIUM:

Seating 677 (Main Floor: 472; Balcony: 205)

STAGE INFORMATION:

[View diagram](#)

- Proscenium Width: 40'
- Proscenium Height: Stage floor to Valance 18'6"
- Stage floor to Plaster 19'5"
- Stage Depth (plaster line to back wall): 34' 6"
- Crossover Space: 4' 6" wide
- Off-Stage Wing Space: Right –27' 7" Left- 8' 8"
- Apron (plaster line to front edge of stage): 3' 6"
- Height of Grid from Stage Floor: 46'
- Battens will fly 44' 6"
- Electrics do not fly to the grid
- Front of Stage to Back of Balcony: 105' 3" with pit open, 98' 3" with pit closed
- Maximum Width of Auditorium: 56' 11"
- Maximum Height of Auditorium: 31'
- Seat Nearest to Stage: 8'
- Dimensions of access stage right leading to set prep shop:
- Stage floor to top of opening 14'
- From downstage to upstage 33'
- Counterweight Fly System: (Single purchase), Max 1200 lbs per set (20 lines will fly)
- Length of Pipe: 45'
- Diameter of Pipe: 1-1/2"
- Orchestra Pit Dimensions: Width – 10' Length - 42' Depth – 7' 6"

A pit filler is available to cover the orchestra pit. The pit is not an elevator and there are no elevators or traps in the stage floor. Scenery cannot be secured to the floor with stage screws or nails.

Only Theatrical Spike tape or Gaff tape may be used on stage floor and walls. Soft Stage Masking: Front Curtain (24' x 24') with manual control SL

- 4 black velour legs each side (7' x 20')
- 5 black velour borders (45' x 6')
- 1 black velour traveler (40' x 20')
- 1 muslin (blue) cyclorama (45' x 24')
- Stage Floor: Wooden-suspended stained black
- Piano: Yamaha P 22 Studio
- Grand Piano: Kawai ebony polish GS-60 (6'10")

- Projection Screen: Width: 20' Height: 16' Front Only
- Rear Projection Screen Width: 22 ½' Height 13' with legs
- Digital Projector: Sanyo PLC-XT25-4500 Lumen LCD projector
Whirlwind PDCI – direct box with computer interface
- Load Area: Double stage doors: 10' x 12'

Dressing Rooms:

2 Star dressing rooms, with bathroom, showers, lighting, mirror, air conditioning, heating, intercom, costume racks. Sizes: (8' 3" x 10' 6") and (8' 3" x 10' 6")

Additional spaces available.

Wardrobe Room:

Not available

- Main Power to stage located Stage Right in dimmer room.
- Three Phase
- 120/208 Volts
- 400 Amps per Leg
- WYE configuration
- Coach Shore Power: 220 volts/200 amp

HOUSE LIGHTING SYSTEM:

CONTROL BOARD:

- Etc. Ion XE 20

DIMMERS:

- 2 ETC Sensor Installation Racks:

- 96 2.4 KW dual dimmer modules: 192 dimmers

TOTAL CIRCUITS:

- 192
- Three- pin stage plugs

FRONT OF HOUSE LIGHTING POSITIONS:

Position	Distance From Curtain Line	Height From Stage	Angle To Stage	# Of Circuits	Total # Of Units
Front of House Truss	35'	27' 6"	45	32	32
Box Boom (left)	39'	21"	30	4	4
Box Boom (right)	39'	21"	30	4	4

ONSTAGE LIGHTING POSITIONS:

- Four pipes with raceways (all fly to the stage, electrics do not fly to the grid)
- First Electric is 3' upstage of the proscenium and has 28 circuits
- Second Electric is 11' upstage of the proscenium and has 24 circuits
- Third Electric is 17' upstage of the proscenium and has 16 circuits
- Fourth Electric is 23' 6" upstage of the proscenium and has 12 circuits
- Fifth Electric is 30' upstage of the proscenium
- Torm Lighting Positions 3 circuits per side
- Extension Boxes may be hung on other battens

LIGHTS:

- (32) 19° ETC Source 4 Leko's (21) 26° ETC Source 4 Ellipsoidal
- (21) 26° ETC Source 4 Ellipsoidal
- (20) 36° ETC Source 4 Ellipsoidal
- (8) 6 x 9 Lekolites w/FEL -Q1000 lamps
- (8) 6 x 12 Lekolites w/FEL-Q1000 lamps
- (4) 6 x 16 Lekolites w/FEL-Q1000 lamps
- (8) 1 KL6 20 Ellipsodials w/FEL 1000 watt lamps
- (6) 6" Fresnelites w/BTL -500 W lamps
- (12) 6" Fresnelites w/BTN-Q750 lamps
- (2) 8" Fresnelites w/BVT-Q750 lamps
- (10) Par 64 Altman fixtures
- (3) Scoop Floodlights w/EGG-Q750 lamps
- (17) Chauvet Hex Pars
- (6) Altman Sky-cycs (3 cell)

- (2) Altman Explorer Follow Spots 1200 HMI
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Accessories:

- (6) 24" - 12/3 Y molded connectors
- (4) 36" - 12/3 Y molded connectors
- (6) 6" Barndoors

If additional hanging positions are needed, either on stage or front of house, we suggest bringing in ground trusses. The permanent front of house hanging positions are Box Booms in the auditorium and the FOH lighting truss.

HOUSE SOUND SYSTEM:

Mixer

- (1) Yamaha QL5 Mixing Console 32 channel

Amplifiers

- (7) Crown CT-810 Dual 400 Watt Power Amp
- (3) Crown CT-410 Dual 200 Watt Power Amp
- (1) Crown CT-1600 Dual 800 Watt Power Amp
- (1) LA8 Amplified Controller
- (1) LA4X Amplified Controller

Speaker Systems

- (2) L-Acoustics Line Array
- (17) JBL Control 24CT Type S1 Ceiling Speaker

Monitor Speaker

- (2) JBL MR 905 Floor Monitor
- (4) JBL MS-112 Type S2

Accessories

- (7) Shure SM58 Hand-held microphones
- (3) Shure SM57LC Dynamic Cardioid Microphones
- (3) Crown PCC-160 microphones
- (8) Mic Stands
- (1) Sennheiser ew 100 G2 Handheld Mic System
- (1) Sennheiser ew 100 G3 Lavalier with E6 Country Mic System
- (12) Atlas MS 12C Mic Stand

- (6) SCH-211 Series Telescoping Boom Arm

Hearing Impaired System Equipment

- (1) Telex RF Hearing Impaired System Transmitter
- (20) Receiver/Headset Assemblies & Accessories

Cables, patch panel, line amplifiers, etc., are all included in the house system with modifications made periodically on the overall system.

Location for Sound Mixer

- Directly behind orchestra seating, behind a half wall. Slightly under balcony overhang. Seats cannot be removed.

Intercom

- CS-222 Clear Com Main Station
- (1) Clear Com CC85 Single Muff Headset
- (8) TELEX HD- 3A Double muff Headsets
- (2) TELEX PH-1 Single muff Headsets
- (8) Clear Com RS 501 Single Channel belt packs (all with call lights)

PRINCESS THEATRE - STAGE/LINE SET DESCRIPTION

SINGLE PURCHASE COUNTERWEIGHT SYSTEM

From Plaster Line Pipe #	Description
0' 0"	Grand Valance Dead Hung
0' 1"	Fire Curtain
1' 3"	1. House Curtain
1' 9"	2. Black Velour Legs
3' 0"	3. Electric #1 (28 circuits) electrics do not fly to grid
6' 6"	4. Black Velour Border #1
7' 6"	5. Black Velour Legs
8' 0"	6. Movie Screen
11' 0"	7. Electric #2 (24 circuits) electrics do not fly to grid
13' 6"	8. Black Velour Border #2
14' 0"	9. Spare Pipe
15' 6"	10. Full stage Black Traveler
17' 0"	11. Electric #3 (16 circuits) electrics do not fly to grid
20' 0"	12. Black Velour Border #3
20' 6"	13. Black Velour Legs #3
23' 6"	14. Electric #4 (12 circuits) electrics do not fly to grid
26' 6"	15. Black Velour Border #4
27' 0"	16. Black Velour Legs #4
29' 0"	17. Spare Pipe
30' 0"	18. Electric #5 (12 circuits) electrics do not fly to grid
32' 6"	19. Black Curtain
33' 0"	20. Cyc

Contact:

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