

The following is a brief overview of technical information, dimensions and various facilities aspects of the State Theatre Center for the Arts. All dimensions shown are approximate due to certain physical restrictions and varying measurement procedures. If there are any questions, please feel free to call our office.

Crew Notes

This facility is a *non-union* venue and utilizes the following technical, stage, and house staff:

Technical Director	Wardrobe Assistants
Stage Manager	Deck Carpenters
Lighting Designer / Technician / Operator	Deck Electricians
Sound Designer / Technician / Operator	Loaders
Wardrobe Manager	Spotlight Operators

Please Note:

This facility does not provide qualified rigging personnel. Under no circumstances will an employee of this facility be directed to perform rigging related duties. Any rigging responsibilities will be performed by qualified riggers provided by the touring company.

To protect our employees and the interests of our facility, the State Theatre Center for the Arts reserves the right to modify any crew calls deemed necessary. This includes but is not limited to crew call totals and work descriptions.

All Theatre equipment and property will be operated by the State Theatre staff. This policy is in place to protect the Theatre's equipment investment. Unless specifically designated by the Technical Director or Stage Manager, no touring personnel will operate any Theatre equipment.

Auditorium Seating

Orchestra: ^{* ‡}	372
Upper Orchestra / Mezzanine:	410
Balcony:	622
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Total Capacity:	1404

** If the touring company requires an area for sound and light consoles, one is provided at the rear of the orchestra, center section in the sound and light booth. Advanced notice is required as sound and lighting consoles may obstruct the last row of seats.*

‡ If the touring company requires any cabling run from the stage to the booth, a floor pocket is provided stage right and all cabling will be run under the floor to the sound and light position. The approximate distance is 100' (with sufficient cable slack included in the measurement.)

Lighting

Lighting Control :

- ETC, Expression 3
Capabilities include:
 - 600 cues / show
 - 500 Groups
 - 24 Submasters
 - 3.5" disc drive & 2 color monitors
 - Moving lights package
- The lighting console is located at the rear of Section 2 (Lower Orchestra center, approximately 60 feet from the stage.)
- House lighting control is available in the booth and stage right via 2 ETC Unison LCD touchscreens
- Plug-in stations for remote focus units (RFU) are provided stage right and in the balcony.

Dimmers:

Total number of dimmers is 176 2.4Kw dimmers

- 124 available for stage lighting
- 52 for house lighting control

Lighting:

- 40 – 19 ° ETC Source 4
- 30 – 26 ° ETC Source 4
- 24 – 36 ° ETC Source 4*
- 48 – Source 4 Pars – 4 Lenses each (VNSP,NSP,MFL,WFL)
- 8 – L&E 3 Circuit Cyc Strips 1000w
**12 are 36° JR's. which are permanently hung at the Near Box Boom position*

Lighting Circuitry:

Front of House positions:

- **Near Box Booms:**
Audience left and right
Approximately 15 feet from stage, 15 feet /highest point
6 circuits per side
- **Far Box Booms**
Audience left and right
55 feet from stage; 45 feet/highest point
12 circuits per side
- **Balcony rail**
One pipe
60 feet from stage; 35 feet/highest point
32 Circuits - 8 surface mounted boxes

Please note: There is no house ceiling position.

Stage positions:

- **Stage**
Down Stage Left and Down Stage Right @ Plaster Line- 6 circuits each
Located on stage side of proscenium wall
Side Torm/Boom pipes & bases are available upon request
- **Electric 1**
24 circuits with 18" tails. The position is fixed.
- **Electrics 2 through 4**
24 circuits via 4 drop boxes each.
These electrics are not hard wired and, if necessary, may be relocated to alternate line-sets given sufficient notice.

Please refer to the stage hanging plot (attached) to note their usual locations.

Power Disconnects:

- 2 Company Switches – CS200-C6
- 1 – 400A – 6 wire Cam-Lock output
 - 1 – 200A – 6 wire Cam-Lock output
 - Company Switches are located stage right.

Note: Feeder cable or Cam-Locks are not provided by this facility.

An in-house electrician will make all final connections to power supply unless specifically designated by the Technical Director.

Sound System**Sound Console:**

Allen & Heath GL-3000 console

40 input channels - 8 sub-groups.

The sound console is located at the rear of Section 2, Lower Orchestra, center:
approximately 60 feet from the stage.

Monitor system and control:

2 channels with EQ; operated from the house console.

Speaker enclosures:**Mains:**

2 – Community CSX52-S2

2 – Community CSX32-S2

2 – Sub-woofers located under stage extensions

The mains are bi-amplified, stereo with a Bi-Amp crossover and Carver pt1800 amplifiers

Upper Orchestra Fills:

2 - Community CSX35-S2

Carver pt1800 Amplifier

Balcony Fills:

2 Klipsch La Scala's
QSC PLX1602

Monitor enclosures:

2 EV cabinets
2 SUNN Concert cabinets

Signal processing and Power amplifiers:**Main Speakers**

D.O.D. 31 band graphic EQ
BiAmp Gain Manager
BiAmp Crossover
Carver PT-1800 Power Amplifier – Mono

Upper orchestra fill:

D.O.D. 31 band graphic EQ
BiAmp Digital Delay
DBX RM-166 Compressor/Limiter
Carver PT-1800 Power Amplifier - Mono

Balcony fill:

BiAmp EQ-210 16 Band Graphic EQ
Delta Lab Digital Delay
DBX RM-166 Compressor/Limiter
Crest 3501 Power Amplifier - Mono

Media Players:

1) Dual cassette tape deck – Tascam 302
1) CD player - Pioneer

Microphones:

Four - Shure SM-57 with stands
Eleven - Shure SM-58 with stands
Two – Shure BG 4.0
One – AKG D 1000
One – AKG D 12

*Note: Please notify us in advance of any additional sound requirements. Also, shows that carry their own sound systems are **required** to connect to the Theatre's balcony sound reinforcement as deemed necessary by either the Technical Director or Stage Manager. This is to ensure a proper sound mix throughout the auditorium. The balcony sound mix shall be monitored by a qualified member of the Theatre staff, and shall be adjusted as necessary at our house sound board.*

Headset Communications:

Clear-Com – 2 channel

9 – 2 channel hard wired positions – 3 S/R, 1 S/L, 3 Booth, 2 Spots - cabling for additional locations

6 -- RS-501 Single channel belt packs

6 -- RS-502 Dual channel belt packs

6 – Single muff headsets 6 – Double muff headsets

Musical Instrumentation:

The State Theatre Center for the Arts maintains *no* inventory of musical instruments or amplifiers except for Steinway Baby Grand piano – black. All other instruments or amplification must be carried or rented at the touring company's expense.

General Stage Information:**Stage load-In point**

The load doors are 6 feet above street level and are approximately 6 feet wide by 8 feet tall. The doors open directly onto stage deck and equipment is loaded via ramps from truck to scaffolding to stage.

Parking behind the Theatre is provided if the facility is notified in advance of the number and type of vehicles to be parked or unloaded.

Note: Ramps are not supplied by this facility.

Any damage to load doors or other areas of the facility by the touring company is the sole responsibility of the touring company.

Entrances to house from stage:

Backstage entrance to the lower orchestra and balcony from the stage-left wing.

There is no access to the house from stage-right.

Note: House access via temporary stairs to the orchestra pit is available.

Orchestra Pit

The pit is semi-circular in shape and the wall is colored flat black. It will comfortably accommodate approximately 10 musicians.

Pit access is from the front of house.

The facility provides up to 30 music stands, 30 stand lights and 30 musician's chairs. A conductor's podium is also supplied.

Stage Fittings:**Risers**

The Theatre provides no performance risers.

Stage Flooring:

The stage floor is a combination of oak (downstage) and pine (upstage) covered with painted Masonite.

Note: The dance quality of the floor may be considered fair. Marley floors must be provided by the touring company or they may be rented at the touring company's expense.

Masking and Curtains:

Legs: Four pairs of black velour legs.

Dimensions:

Set 1: 28'h x 13'l

Sets 2, 3 & 4: 25'h x 13'l

Borders: A total four black velour borders.

Dimensions:

10' x 42'

Cyclorama: One natural muslin cyclorama

Dimensions:

40' x 20'.

Note: The cyclorama is considered permanently attached and may not be moved without adequate advanced notification

Back Blackout: One piece black velour.

Dimensions: 42' x 25'

Note: The crossover space behind the black-out is approximately 20 inches to the back wall when the blackout is down.

Scrim, soft goods, and scenery drops:

The facility does not supply any soft goods other than those listed. The touring company should carry all additional soft goods.

House Curtain Teaser:

The teaser is permanently hung.

House Curtain:

The house curtain may be drawn or flown, however the curtain may not be drawn and then flown.

Grid and rigging:

Grid height: Approximately 60 feet

The grid may be accessed via 2 built-in metal ladders: One located on the rear wall stage left and the other at stage right after the last line set. This ladder also accesses the load floor.

Grid construction:

Metal on metal throughout. The touring company may rig electric chain hoists as needed.

Note: Qualified, licensed riggers are not provided by this facility. All rigging will be the sole responsibility of the touring company's personnel.

Fly System

The fly system is 21 counterweight arbors. Several linesets are fixed positions. See attached hanging plot for permanent storage. Spot lines from grid (pick points): 6 Stage right, 4 Stage left. Fly system location: Stage right Metal counterweight available: 3,000 lbs

Note: Extremely heavy items such as set-pieces or lighting trusses may not be suspended from certain linesets due to the age and diameters of certain pipes. In the interest of safety, all heavy materials may only be placed with the express consent of the Theatre's Facilities Coordinator or Stage Manager.

Stage Dimensions

Fire Pocket: 8"

Width of proscenium opening: 37'4".

Height of proscenium opening: 22'

Distance from front of apron to plaster line: 4'

Distance from plaster line to back wall: 25'

Distance from front of apron to 1st row of seats: 12'0"

Wing space/stage right: 8'0"

Wing space/stage left: 12'0"

Rear on-stage crossover space: 20" w/traveler closed.

Pit wall to front row of seats: 3'5"

Beneath stage crossover space: N/A

Dressing Rooms:

Eight dressing rooms (2 rooms per 4 floors) above stage left wing space. Access by stairs only. Each room holds 4-6 people.

Each of the 8 dressing rooms are equipped with chairs, lighted mirrors, makeup tables & sinks. There is 1 shower stall, and two toilet stalls for all of the dressing rooms. Hot water is available and wardrobe racks available as needed.

Additional wardrobe space is available in the stage left wing space and a hallway off-stage left.

Note: Dressing rooms are not equipped with any type of page monitors.

Final Notes:

Please submit lighting and sound designs well in advance of show date. Also, please supply a phone or FAX number where your designers can be reached regarding any necessary clarification concerning your show's lighting or sound design.

Attachment 1

Hanging plot – State Theatre Center for the Arts

Line-Set number	Distance from Plaster Line	Normal Usage	Pipe Length – Joint Positions – Inside Diameter	Notes of Importance
Grand Drape	1' 5"			Cannot draw then fly
1*	2' 5"	1 st Border	42' – Joint at 21' - 1.5" ID	42' x 10' Black
2*	3' 3"	1 st Legs	42' – Joint at 21' - 1.5" ID	13' x 28' Black
3	4'	1 st Electric	42' – Joint at 21' 1.5" ID	24 Circuits – fixed
4	4' 11"		38'6" – Joint at 21' – 1.25" ID	
5*	5' 9"		42' – Joint at 21' – 1.5" ID	
6*	7'1"	2 nd Border	42'3" – Joint at 21' – 1.25" ID	42' x 8' Black
7*	7' 10"	2 nd Legs	42'6" – Joints at 32' and 12' – 1.25 ID	13' x 25' Black
8	8' 9"	2 nd Electric	42' – Joint at 21' – 1.5" ID	24 Circuits – Drop Boxes
9*	10' 1"		42' – Joints at 12' and 32' – 1.25" ID	
10*	11'		42' – Joint at 21' – 1.5" ID	
11`	12' 2"	3 rd Border	42' – Joints at 24' and 8' – 1.5" ID	42' x 8' Black
12	13' 2"	3 rd Legs	42' – Joint at 21' – 1.5" ID	13' x 25' Black
13`	14' 1"	3 rd Electric	35' – Joint at 17' – 1.5" ID	24 Circuits – Drop Boxes
14*	15' 6"		42' – Joint at 21' – 1.5" ID	
15`	18' 2"		42' – Joint at 21' – 1.5" ID	
16	18' 10"	4 th Legs	42' – Joint at 21' – 1.25 ID	13' x 25' Black
17*	19' 7"	4 th Border	42' – Joint at 21' – 1.25 ID	42' x 8' Black
18*	20' 4"	4 th Electric	42' – Joint at 21' – 1.25" ID	24 Circuits – 4 Drop Boxes
19	21' 2"		42' – Joint at 21' – 1.25 ID	
20	21'11"	Cyc		White Muslin - Fixed
21`	22' 9"	Black-Out		42' x 25' Black - Fixed

Each batten has 3 pick points

The total amount of stage weight is approximately 6,500 pounds

Line-sets marked with an asterisk have older, heavier arbors. The arbor weight is roughly equal to that of the pipe.

Most of the battens are schedule 40 black pipe. Many of the smaller diameter pipes are of heavier gauge steel.