



# CAPITOL THEATRE TECHNICAL SPECIFICATIONS

## CAPITOL THEATRE

50 West 200 South

Salt Lake City, Utah 84101

Phone: (385) 468-1010

Fax: (385) 468-1005

Web: [artsaltlake.org](http://artsaltlake.org)

Ticketing: [arttix.artsaltlake.org](http://arttix.artsaltlake.org), 801-355-ARTS

### Seating Capacity

1,804 standard house (pit in use)

1,894 maximum house (pit used for seating)

## THEATRE STAFF

Event Management Assistant	Michelle Larson	(385) 468-1030
Technical Directors	On-Duty Tech Cell Cate Kizerian	(801)419-3152 (385) 468-1042
ArtTix Ticket Office	On-Duty Supervisor	(385) 468-1052
Patron Services Manager	Kerry McCoun	(385) 468-2505
Protective Services (Lost & Found)	SL County Sheriff	(385) 468-1009
IATSE Local 99	Please contact Technical Director	



# CAPITOL THEATRE TECHNICAL SPECIFICATIONS

## LOADING AND UNLOADING

Access to the theatre loading area is through a parking garage. Trucks must back in from the street and traffic flow in the garage cannot be interrupted. Only one truck can unload at a time. There is a second unloading area available with freight elevator access to the stage, basement, dressing rooms, and pit area.

Truck Parking	No on-site parking available
Loading Dock	Primary loading area at street level Ramp down from truck; 16' house ramp available Manually operated roll up door; 10' wide x 14' tall
Secondary Load-In (Limited)	One level above stage; loads into freight elevator Door dimensions: 7'3" wide x 8' tall Elevator: 13' long x 10' wide x 9' tall Elevator capacity: 8,000 lbs. Access to stage, dressing rooms, orchestra pit, and back alley
Loading Ramp	16' aluminum; 3,200 lbs. capacity
Forklift	No forklift on site; theatre staff can assist with arrangements



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## STAGE SPECIFICATIONS

Theatre	Proscenium
Main Drape	Guillotine with center page Manually operated on deck, stage left
Stage Measurements	Opening: 24'2" tall x 43'4" wide Plaster line to upstage wall: 48'6" Plaster line to edge of curved apron: 4'0" at center
Stage House	Deck to grid: 74'5" All sheaves under-hung above grid Grid floor clear for spot line sheaves
Balcony Rail	Balcony rail to stage at plaster line: 47'9"
Spot Booth	Spot booth to stage at plaster line: ~120'
Lighting Ring	Beam position to stage at plaster line: ~100'
Stage Floor	Sprung maple; painted flat black; no traps ** Please advise if you require lagging into stage floor
Floor Dimensions	52'6" – Center line to stage left wall 48'6" – Plaster line to upstage wall 39'6" – Center line to stage right arbor fence
Orchestra Pit	Fixed platform (under apron): 36' wide x 8' deep Fixed platform (under apron) depth: 9' below stage deck height Risers, stairs, and assorted platforms included to customize configuration
Orchestra Lift	Two Gala lift-operated platforms for small and large configurations Upstage platform: 41' wide (at widest) x 6' deep (at center) Downstage platform: 53' wide (at widest) x 9'10" deep (at center) Maximum depth: 12' below stage deck height



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## STAGE SPECIFICATIONS CONT.

Stage Manager Control            Located downstage left  
Lighting control panel for stage and house lights with monitors

Video Monitors                    Video monitors for stage and conductor views, located downstage left and right, one monitor in wardrobe room, one monitor in lobby

## SOFT GOODS

Borders                              (6) Flat black velour borders 15' x 60'

Legs                                  (6 pair) Flat black velour legs 38' x 12'  
(2 pair) Flat black velour legs 32' x 8'  
(1 pair) Flat black velour legs 32' x 20'

Back Drops                        (2) Flat black velour 35' x 50'  
(2) Flat navy blue velour 35' x 55'

Scrims                                (1) Black sharkstooth scrim 35' x 65'  
(1) White sharkstooth scrim 35' x 65'

Cyc                                    (1) Natural muslin 40' x 65'  
(1) White plastic or RP screen 38' x 64'



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## HOUSE RIGGING

\*\*All line set have full travel to grid. No permanent electrics, border lights or concert shell.

Rigging	(66) single purchase line sets Each hanger on 7 steel cables Line sets on 8" centers
Battens	Standard battens are 60' long House can provide extensions to 66' All battens have full 70' travel to grid
Grid Height	Stage deck to grid: 74'5" All sheaves are under-hung above grid
Weight	Arbor capacity is 1,800 lbs. House has 30,000 lbs. of counterweight available
Locking Rail	Stage right on first dock, 30' above stage deck Underside of fly floor bridge is 23' above stage deck
Pin Rails	Stage left and right Spot lines available
Side Light Ladders	(6) each per side on motorized winches, movable up/downstage Stage left: 36' from CL, Stage right: 35' from CL
Chain Motors	(6) each – 1 ton chain motors available Located on grid, 200 Amp power available on grid
Spotting Sheaves	(148) available



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## LIGHTING EQUIPMENT

Lighting Console	ETC Obsession II – installed August 2006
Fixtures	(269) ETC Source Four 575 Watt (12) ETC Source Four 750 Watt (10) 50 degree lenses (92) 36 degree (104) 26 degree lenses (83) 19 degree lenses (39) 14 degree lenses (24) 10 degree lenses (12) ETC Source Four PARnel (62) ETC Source Four PAR (58) WFL lenses (59) MFL lenses (59) NSP lenses (59) VNSP lenses (61) Altman cyc lights (cells, ground row) (48) Altman cyc lights (cells overhead) (24) Burkey Colortran far cycs (cells overhead)
Follow Spots	(3) Super Trouper 2,000 Watt Xenon 120' throw to stage, 25 degree angle **Spot booth can accommodate additional lamps
Stage Pin Cable	(100) 5' jumpers (46) 10' jumpers (33) 20' jumpers (50) 50' jumpers (7) 100' jumpers (15) 3-Fers (19) 2-Fers
Accessories	(63) Size A gobo holders Size B gobo holders



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## HOUSE ELECTRICS

### Dimmers

\*\*All circuits 3-pin stage pin plugs. Quick connect panel stage left for road control of FOH circuits

ETC Sensor – installed July 1993

438 circuits with 2.4 kW dimmers

10 circuits with 6 kW dimmers

Road System DMX input at stage manager control, stage left

Deck Road Power (3) 400 Amp, 3 phase 110/120 v  
Disconnect boxes located stage left  
Distance from center line: 74'

Grid Road Power (2) 100 Amp, 3 phase disconnect

Spot Booth Power 200 Amp, 3 phase available

Distribution (24) Balcony rail  
(12) Ceiling cove  
(48) Side light ladders - 24 per side  
(48) Box booms - 24 per side  
(35) #1 electric  
(35) #2 electric  
(30) #3 electric  
(30) #4 electric  
(25) #4A electric  
(35) #5 electric  
(4) Stage Manager Panel, stage left  
(112) Stage area wall boxes  
\*\*Includes cyc trough and orchestra pit



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## AUDIO EQUIPMENT

Audio Console

\*\*Console in fixed position

AVID Venue SC 48 digital 16 x 16

(32 x 16 Stage Box, WiFi VCN accessible)

Playback

Mac Pro

(iTunes, Garage Band, Amadeus & Pro Tools)

Denon DN 500C CD deck

Denon DN C630 CD deck

Speakers

Cluster

(2) Apogee 3 x 3

Mains

(2) Apogee AE 9

(2) Apogee AE 5

Mid Fill

(4) Mackie 450

Rear Delay

(3) Apogee AE 2

Stage Sides

(2) Ramsa 200

Monitors

(4) Mackie 450

Microphones

(4) AKG 414 TL

(2) AKG C414B

(2) Neumann KM 184

(5) Shure SM 81

(2) Shure SM 58

(2) Shure SM 58 Beta

(3) Shure SM 57

Shure SM 57 Beta

(3) Shure SM 91

Shure SM 99

(2) Shure KSM 32

(2) Countryman B2D Lavalier

(2) Sennheiser SK 2050 RF sets

(5) Direct Inputs; assorted brands

Intercom

House Clear Com A/B base station

(12) Wired belt packs with headsets

(8) Wireless HME packs

Biscuits installed at fly rail and spot booth





## CAPITOL THEATRE TECHNICAL SPECIFICATIONS

### HOUSE AUDIO

FOH	Rear of Orchestra level, under balcony Maximum working area is 10' x 12' Distance to stage: ~100' Cable Run ~170' through basement raceway No floor cable runs allowed in any public space
Sound Booth	Located in rear of orchestra level, far house right, Audio console in fixed position
Stage Manager Panel	Located downstage left Paging to dressing rooms and support spaces House mix venue I/O stage box (32 x 16) Wi-Fi available upon request
Road Power	Located downstage left 200 Amp 3 phase, isolated ground (tails) 100 Amp 3 phase, isolated grounds (cam lock)
Hearing Assist	Listen RF ALD; packs available in lobby
Paging	Call system on stage left and right Page and god mic stage left Program and paging available to dressing rooms and support spaces
Orchestra Pit	Access available through stage left floor and apron raceway



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## HOUSE EQUIPMENT

\*\*Some items are subject to additional charges. Ask Event Manager for more details.

35mm Projector	Simplex heads Christi Lamphouse Xenon lamp Double mutt transport
Projection Screen	Plastic front & rear projection screen 38' high x 64' wide
Pianos	Steinway Model B 7' Grand – for stage and pit use Boston Studio Upright – for stage and pit use Webber 5' Baby Grand– located in Warm-Up Studio Yamaha 5' Baby Grand– located in Capitol Studio Gulbransen Studio Upright available
Orchestra	(78) Manhasset music stands (78) Stand lamps (64) Wenger black padded chairs (6) Musician stools Adjustable height podium Lighted conductor's desk (14) Clear Plexiglas shields (2) Cello risers
Lifts and Ladders	Genie electric lift (2) 6' ladder (2) 10' ladder 12' ladder
Platform Risers	Can be rented from an outside vendor
Dance Floor	Harlequin dance floor
Easels	(5) Black (8) Blonde



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### HOUSE EQUIPMENT, CONT.

Mirrors	(12) 1'x4' 3'x5' on rolling cart
Lecterns	(2) With microphone
Tables	(25) 8' Banquet (17) 6' Banquet (4) 6' Seminar (6) 60" Round (13) Cocktail
Chairs	(52) Metal padded folding chairs (126) Plastic dressing room chairs (109) Padded stacking catering chairs
Linens	Limited linens available **For specific requirements, please request through caterer.



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## DRESSING ROOMS

All dressing rooms are located in basement with access to service elevator, orchestra pit, stage left stairs, and crossover to stage right stairs (1 flight).

Chorus Room (16' x 36')	(2) rooms, (23) stations ea. Lighted mirror stations with counters Large bathroom with showers, sinks, and toilets
Locker Room (12' x 22')	(2) rooms Full size lockers Shared bathrooms with Chorus dressing rooms
Star Rooms (6'x10')	(5) rooms, (2) stations ea. Lighted mirror stations with sink and counter Small bathroom with shower, sink, and toilet Includes clothes rack and convenience outlets
Conductor Room (6' x 10')	(1) room, (2) stations ea. Lighted mirror stations with sink and counter Small bathroom with shower, sink, and toilet Includes clothes rack and convenience outlets
Dressing Room (15' x 10')	(2) rooms, (7) stations ea. Lighted mirror stations with sink and counter Includes clothes rack and convenience outlets
Dressing Room (18' x 13')	(1) room, (9) stations ea. Lighted mirror stations with counter Includes clothes rack and convenience outlets



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## SUPPORT SPACES

\*\*All support spaces (except Capitol Studio, as noted) are located in basement with access to service elevator, orchestra pit, stage left stairs, and crossover to stage right stairs (1 flight).

Laundry Room (8' x 12')	(3) Washers and dryers Sink
Wardrobe Room (23' x 20')	(2) Washers and dryers (4) Commercial steamers Sink (3) Iron and boards (15) Rolling wardrobe racks (5) 20 Amp circuits (4) phone lines, (1) data line
Wig Room (24' x 9')	(5) Lighted mirror stations w/ counter (6) 20 Amp circuits
Green Room (32' x 14')	Refrigerator Microwave Sink (6) 20 Amp circuits (4) phone lines, (1) data line **Includes kitchen counters, drawers & cabinets
Office (9' x 10')	20 Amp circuits (3) phone lines, (1) data line
Workroom (28' x 15')	20 Amp circuits **Adjacent to service elevator
Warm-Up Studio (40' x 20')	5' Weber baby grand piano (3) 20 Amp circuits Sprung floor with installed Marley dance floor (5) phone lines, (1) data line
Capitol Studio (48' x 50')	Yamaha 5' Baby Grand piano Sprung floor with installed Marley dance floor Ballet barres and mirrors Dressing room page and program feed Studio sound system **Located on 3rd floor; available for separate rental



# CAPITOL THEATRE TECHNICAL SPECIFICATIONS

## HOUSE CREW

House crew: Local 99 IATSE. Please contact venue technical directors for calls and estimates.

## INTERNET CONNECTION SERVICES

- |                    |   |
|--------------------|---|
| Wi-Fi              | Please speak with your Event Manager or Technical Director for latest information on coverage and/or speed/bandwidth, provider, hot spots, and access WIP and password. |
| Wired Connectivity | Please discuss wired connectivity requirements with your Technical Director.  |