

# Orpheum Theatre Quick Facts

## Stage Dimensions

### Proscenium Opening

50' X 29' 10"

### Stage Depth From 0'0"

- 0'0" is hereinafter defined as parallel line to the proscenium or plasterline running on and offstage @ the upstage lip of the smoke pocket, a point 7"; (the thickness of the smoke pocket steel enclosure ), upstage of the plasterline.)
- @ Centerline From 0' 0"  
1" back wall angels two different directions @ 39'1" at a point approx. 11' ROC 90 degrees 0' 0" to xxxxx and approx.. 15 degrees LOC @ 39' 1" from 0' 0" to xxxxx. (please see tech spec drawings)

### Stage Width (from centerline left and right)

- |  |         |
|--|---------|
| • LOC to Rail @ 0'0                                | 42' 0"  |
| • LOC to Rail @ 14'                                | 41' 0"  |
| • LOC to Rail @ 39'1"                              | 39' 6"  |
| • LOC to edge of fly floor @ 0'0"                  | 36'5 ½" |
| • ROC to stairs @ 0' 0"                            | 41'9"   |
| • ROC to closest SR wall @+14 from 0'0"            | 39'6"   |
| • ROC to edge of Electric jump                     | 34'0"   |
| • ROC to SR wall @ 39' 1"                          | 39'0"   |
| • Distance from 0' 0" to Edge of apron (forestage) | 4'2"    |
| • Distance between SL Flyfloor and SR Jumps        | 73'6"   |

### Gallery Heights (walking surfaces from house deck)

- |  |              |
|--|--------------|
| • Grid   | 75'          |
| • Height to SL fly floor and SR elect jump                           | 37'1"        |
| • Height of SL Loading Bridge  | 69'5"        |
| • Height of SL Intermediate Loading Bridge                           | 54'2"        |
| • Height of SR automation jump                                       | 49'6"        |
| • Height of USR subway grated "skip" platform<br>height to underside | 13'<br>12'5" |

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### House Ceiling Height (from orchestra floor approx..)

- Cluster @ 4'6" and Array Points @ 2'6" DS from Proscenium
  - a) Cluster points @ 5' 6" left and right of centerline 64'
  - b) Array or side fills @ 31' left and right of centerline 65'
- @ FOH Lighting Truss Points 19' 6" DS of Proscenium 62'
- @ Focus Track Truss Points @ 21' 6" 61'

### Linesets – System Pipes – Weight

#### Linesets – All single purchase -- #

- Fire Curtain in smoke pocket @ from 0' 0" (7" wide pocket) 1"
- House Curtain (guillotine type) operated from SL fly floor @ 4"
- Set #1 to #75 from 0' 0" (see pipe plot) on ascertainable 6" centers-gaps and limitations are due to structural steel in the grid. @ 10"-37'6"
- System is under hung above grid steel; loft blocks (sheaves) may not be moved. Diversers are available.
- Hemp sets and sandbags available
- Capstan Winch @ fly floor and muling winch @ deck level also available

#### Pipe And Well Data

- System pipes are 1' truss, 60' 1" long double sleeved; outside sections 21' ½", inside center sections 18' 3' 6" extensions available
- Sets are five line ¼" galvanized cable turnbuckled @ baton clamp
- System pipes trim 69' 10" @hi and 5' @ Low, from deck
- Wells are @ centerline 68' 0" and 12' center 4' to center offstage right and left

#### Arbors And Counterweight

- 12' long; 1500lb capacity above pipe weight
- Six trailer arbors are available; 8' long
- 55,000 lbs. of free counterweight available in house
- Counterweights are approx.. 28 lbs. and 14 lbs. respectively

## **Orpheum Theatre Quick Facts**

### **Spotline Sheaves And Hemp Spotlines**

- 125 Spot wheels available
- 10,000 of 5/8" black poly pro available
- Electric Cable picks are spotted SR and are all generally tied @ SR electric jump pinrail
- Spotlines may also be tied @ pinrail on SL fly floor

### **Loading Doors And Freight Elevator**

- Main: 12'x12' located upstage right, motorized guillotine type 18" above stage deck. (Off United Nations Plaza)
- Loading ramp 45000 lb. capacity is 12' wide and 8' long; quickly motored in and out of place from its storage position adjacent to loading door
- Stage Door upstage left 8' x 9' hi. A 30' hallway connects to the Market Street Door (8'w x 9'hi); as an alternate loading position.
- Freight elevator located in SL hallway for basement access. 1 ton capacity- 4'x8' door; car size 5'9" w x 7'10" deep x 10' hi

### **Cargo Access To Grid And Accessory Levels SR and SL**

- 1 Ton chain hoist lifts cargo through Bombay type doors USR to above grid walking surface. Motor is mounted on a trolleyed beam. Chain motor boxes may be rolled into a storage area @ grid level for above grid mounted motor points.
- 1 Ton chain hoist lifts cargo USL through a subway grate trap on the grid to all levels stage left, inclusive of grid surface.

### **Stage Floor**

- The stage floor is hard rock maple, painted black. It can be fastened into, although pre-drilling is advised, soaping larger holes is recommended and must be restored.
- The stage floor is trappable. Call for details.
- As of 1/07, there is an existing 16' x 8' trap cut into the floor. It is located @ approx.. 10' 10" and 18' 10" from 0' 0" and 12' 3 1/2" LOC and 44 1/2" ROC respectively. Four approx. 4' x 8' lids cover and secure the trap.

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### Orchestra Pit

- Quarter elliptically shaped to the front of house
- 15' 9" up and down stage @ centerline (pit rail upstage wall) x 43' 2" wide.
- Manually manipulated (not an elevator). 8 man, 8 hour call.
- Pit floor raised to the auditorium level may be seated with up to 30 seats
  - Deep floor is 140 ½" below stage level
  - Deep floor is approx. 94 ½" below auditorium level
  - Deep floor to mid floor platform 27" (not a pit position) @ trap room entrance; 113 ½" from stage to mid floor level
  - 32 ½" mid floor to orchestra level (typical orchestra pit position)
  - Pit Floor is 81" below stage in orchestra level position
  - 33 ½" orchestra level to auditorium floor level
  - Pit rail is hard surfaced, 36 ½" above auditorium floor. Soft good masking is additionally used for auditorium/ stage level floor extensions.
  - Top of pit rail is 11 ½" below stage level.
  - Stage level is 48" above auditorium floor.
- US wall of the pit is 8' 3" from the apron (i.e. Under the stage) and approx. 7' 6" @ centerline, from apron fascia to the apex of the ellipse.
- Pit floor level is adjustable; (conductor site lines must be considered). Elevation adjustments are achieved by substitution of platform legs. Some material is in house; depending upon the height, more material may ***need to be purchased*** to meet a production's requirements for configurations and heights other than listed above.
- Musicians enter the pit through the trap room (basement level). Maximum musician count is 23-26.
- 35 stands, 35 black chairs, lights and reasonable electric distribution for the pit is available

### Soft Goods

#### All soft goods are 29 oz Black Serge

- 5 sets (2pcs) of legs 12' W x 35' H
- 5 sets (2pcs) of legs 12' W x 30' H
- 4 Borders 62' W x 12' H
- 4 Borders 60' W x 12' H
- 1 2pc Black Out 32' W x 32' H and 1 2pc Black Out 30' W x 30' H