

# Pioneer Center for the Performing Arts

## TECHNICAL SPECIFICATIONS

Technical Director: Lou Manganello (775) 686-6620  
[loum@pioneercenter.com](mailto:loum@pioneercenter.com)  
Technical Manager: Italo Crocco (775) 686-6140  
[italoc@pioneercenter.com](mailto:italoc@pioneercenter.com)

(775) 686-6630 FAX

### House Size

**Orchestra Seating** 975 (There are 38 seats that can be removed to make 14 wheelchair locations. There are also 16 transfer seats available. These are in addition to the wheelchair only seats described below.)  
**Wheelchair Only** 12 (No physical seats present, space for wheelchairs or folding chair for companion. Located at rear of the Orchestra, Sections A and E, Row V.)  
**Orchestra Total** 987  
**Balcony Total** 513  
**Total Capacity** 1500

### Important items of note:

Stage is located 22'-6" below street level. Access to stage is down 2 flights of stairs. All dressing rooms are at stage level, as are the green room, production room, shop, and staging areas. House Technical Service office and Workshop are located above dressing rooms. Technical/Facility Director's office is located lower lobby, north side of theatre.

### Parking Restrictions:

**Pioneer Staff Parking Only!** is located adjacent to the Freight Elevator. Load-in and Load-out will be scheduled according to rider requirements. **All** other parking (such as buses, trailers, vehicles, etc.) **must** be on street perimeters. Meters will be bagged accordingly when required by rider, please contact the Technical Director at least 48 before load in to ensure sufficient parking. The Pioneer Center does not take responsibility for any parking or traffic tickets that you or your company may encounter during your engagement. This includes rehearsals.  
**Unauthorized vehicles parked in staff lot will be towed at owner's expense!**

### Local Truck Stops

**Boomtown:** (800)648-3790  
**Alamo:** (775)355-8888

### Phone Numbers:

Administration Office 775-686-6610  
Administration Fax 775-686-6630  
Production Phone/Fax 775-686-6145  
Production Phone/Fax 775-786-5254  
Ticket Office 775-686-6600  
Technical Manager 775-686-6140  
Technical Director 775-686-6620

**The front production office and Green Room have high-speed internet access.**

## Stage Information

**Floor:** Level maple hardwood sprung dance floor. 68' in width and 44' in depth from downstage edge to back wall, 38'-11" plaster line to back wall. Back and side walls of stage slope inward at 7' angle from floor to grid.

**Orchestra Pit:** Manually set at three different levels: "FULL" = Level with Stage Floor, "HALF" = 3'-8" below Stage Level, or "OUT" = 7'-6" below Stage Level. Pit front arcs 13'-6" at center to flush at the sides. Access is down one flight of stairs by dressing rooms. Limited storage is available at lower pit level.

**The back wall of the stage slopes inward at 7'**

### Measurements:

Proscenium:	49'-8"	Wide
	23'-11"	High
Depth:	37'-6"	Curtain line to Back wall
	44'-0"	Down Stage Edge to Back wall
	6'-6"	Cross-Over behind last line set
Width:	48'-7"	Centerline to Offstage Left Wall
	50'-7"	Centerline to Offstage Right Wall
Apron Depth:	6'-0"	At Centerline
	7'-0"	At Proscenium
Stage to Grid:	60'-8"	Top of Steel
	59'-8"	Clearance under Battens
Stage to Fly rail:	20'-2"	
Fly rail to Grid:	40'-6"	
Lower Ceiling to Pit:	31'-10"	Pit at full

### House Curtains:

Main Curtain	66' Wide x 26' High	
Main Valance	66' Wide x 12' High	
Black Legs	12' Wide x 28' High	(2 sets)
	14' Wide x 28' High	(2 sets)
Black Borders	60' Wide x 12' High	(2 available)
	60' Wide x 14' High	(2 available)
Blackout Curtain	30' Wide x 36' High	(2 panels)
	(May be rigged as a traveler)	

**Load In:** Access to stage is by Freight Elevator, 9'-2" Wide X 21' Long X 12' High. Load Capacity is 11,500 lbs. Elevator will raise to truck height, unloads into staging area off stage left.

**No vehicles allowed on Elevator!**

Access to stage is thru doors 10' Wide x 12' High.

## Lights and Sound

### Lighting Information

(All distances are from Plaster Line):

Control Booth located at Orchestra, level 94' (4' )

Follow spot booth located at Balcony, level 100' (22' )

Balcony Rail, 60 ft. at center (15' )

FOH AP (ceiling cove), 45'at center (50' )

Back Row of Orchestra, 93'

Front Row of Balcony, 64'

**Console:** Expression 2X version 3.2 (with Remote Focus Unit + Monitors)

**Dimmers:** 192 Kliegl K96 2.4kw – DMX Input

**Instruments:** 26- Source Four 575w (with 26' lenses, 12 extra 36' lenses, and 4 19' lenses )

22- Altman Shakespeare 575w (20' lenses)

12- Century 8 inch Fresnel 1000w

6- Berkey-Colortran 6 inch Fresnel 750w

9-Altman 4 Circuit Zip Strips EYC (40' ) @ 750w per circuit

6-Berkey-Colortran 3 cell far cyc @ 500w per circuit

2-Data flash strobes w 3 channel DMX control

2-2000w Strong Super Trouper II spotlights (located in Follow Spot Booth)

**Road Power:** Located Up Stage Right 50' from centerline. 208 Volt, 3 Phase, 5 Wire, 800 Amp fused disconnect, with 1 set 400 Amp female cam-lock tails.

**House Lights:** May be addressed via DMX or by manual operation.

**Work Lights:** 3 circuits w/ 2 500 w halogen fixtures each, accessible from lighting booth or down right Stage manager's panel.

### House Sound Information

**Mixer:** Allen and Heath mix wizard 16 (16x3)

**EQ:** Yamaha Q2031A

**Speakers:** 6- Ramsa WSA 200 / 4- Mackie SR1530 15" Three-way Active Loudspeaker / 2-Mackie SWA1801 18" Active Subwoofer System / 2 SRM450 12" Two-way Loudspeaker (balcony fill)

**CD:** Dennon dual CD deck

**Microphones:** 2-Shure Beta SM58, 3-Shure SM58, 3-Shure SM57, 2 PCC floor mics, and 2 Senheiser e-100 series handheld wireless mics. The system is designed for a speaking voice and moderate music playback. Higher volume levels require that a sound system be brought in.

**Mix and lighting positions:** Located at the rear of the Orchestra 87' from the edge of the stage. Each position must be reached with a minimum of 250' of cable from the stage.

**Clear-Com, Dressing Room and Booth Monitors, Hearing Assist (Required)**

**Road Power:** Located Down Stage Left Approximately 50' from Centerline. 208 Volt, 3 Phase, 5 wire, 200 Amp, Fused disconnect, Female Cam-lock tie ins.

### Line Sets Schedule:

**Fly System:** Double-Purchase, wire guide. 20,000 lbs. available counterweight.

All line sets are 66' long. Out trim is approximately 58'

LINE SET	ARBOR CAP (LBS)	DISTANCE/PLASTER LINE	NOTES
Fire Curtain		4"	May not be blocked
Hemp Set		10"	Main Valance
1		1'-4"	Main Traveler
2	1400	2'-10"	
3	1400	3'-7"	
4	1400	4'-2"	
5	1400	4'-10"	
6	1400	5'-8"	
7	1400	6'-3"	
8	1400	6'-10"	
9	1400	7'-6"	
10	1400	8'-1"	
11	1400	8'-9"	
12	1400	9'-6"	
13	1400	10'-5"	
14	1400	11'-1"	
15	1400	11'-7"	
16	1400	12'-5"	
17	1400	13'-2"	
18	1400	13'-8"	
19	1400	14'-3"	
20	1400	14'-10"	
21	1400	15'-11"	
22	1400	17'-3"	
23	1400	17'-9"	
24	1400	18'-6"	
25	1400	18'-10"	
26	1400	19'-7"	
27	1400	20'-3"	
28	1400	21'-0"	
29	1400	21'-8"	
30	1400	22'-4"	
31	1400	23'-0"	
32	1400	23'-8"	
33	1400	24'-7"	
34	1400	25'-2"	
35	1400	25'-10"	
36	1400	26'-6"	
37	1400	27'-0"	
38	1400	27'-10"	
39	1400	28'-6"	
40	1400	29'-0"	
41	1400	29'-10"	
42	1400	30'-4"	
43	1400	32'-10"	