

Technical Information

ARLENE SCHNITZER CONCERT HALL PORTLAND CENTER FOR THE PERFORMING ARTS

Robyn Williams, Director

Located in the heart of Portland, Oregon, the Portland Center for the Performing Arts is the fifth largest performing arts center in the United States and home to more than 20 arts organizations.

Comprised of four theaters in three buildings, PCPA hosts more than 1,000 event days and one million patrons annually.

PCPA OPERATIONS DEPARTMENT

Information and scheduling for the following services and equipment are coordinated through the PCPA Operations Department:

Technical and/or production requirements

Facility information for production areas, stage equipment, parking regulations and permits

Special equipment needs and availability, extra charges

Scheduling information and requirements for PCPA stage department heads

Other production-related activities, permits and requests

Assistant Operations Mgr	Tom Bugas	503-796-6506
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Stage Supervisor	Bill Gardner	503-274-6599
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Operations Department facsimile machine		503-796-6507
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* Requests for technical and production information about the Keller Auditorium should be directed to the Stage Supervisor.

Business agent, Stagehand Union IATSE local #28	Chris Bateman	503-295-2828
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Portland Center for the Performing Arts

ARLENE SCHNITZER CONCERT HALL

Seating capacity **2,776**

Orchestra level **1,504**

Dress circle **168**

Mezzanine **384**

Lower Balcony **364**

Upper Balcony **356**

Pit seats **32**

Portland Center for the Performing Arts

DIRECTIONS TO THE ARLENE SCHNITZER CONCERT HALL

The Arlene Schnitzer Concert Hall is located at 1037 SW Broadway, between SW Salmon Street and SW Main Street.

Stage and Loading doors: SW Salmon Street between SW Park Street and SW Broadway.

Patron entrances: SW Broadway and SW Park Street.

From the North (I-5 South or I-84 West):

Follow I-5 to the "City Center/Oregon City" exit. Follow "City Center" signs. After crossing the Morrison Bridge, continue on SW Washington five blocks, to SW Broadway. Turn left on Broadway and continue six blocks to SW Salmon Street. The Arlene Schnitzer Concert Hall is on the right side, between SW Salmon Street and SW Main Street.

From the South (I-5 North):

Follow I-5 to I-405 West. Take the SW Salmon Street exit. Turn right on SW Salmon Street. Continue eight blocks to SW Park Street. The Arlene Schnitzer Concert Hall stage and loading doors are on the right side, between SW Park Street and SW Broadway.

From the West (Highway 26 East, "Sunset Highway"):

Choose the center lane upon approaching the Vista Ridge Tunnel. Take the "Market Street/City Center" exit after exiting the tunnel (center lane). Continue six blocks to SW Sixth Avenue. Turn left on SW Sixth Avenue. Continue five blocks to SW Main Street. Turn left on SW Main Street. Continue one block to SW Broadway. The Arlene Schnitzer Concert Hall is on the right side, between SW Broadway and SW Park Street.

From the East (Highway 26 West or Highway 99 East (McLoughlin Boulevard):

Cross the Ross Island Bridge and follow "Highway 26/Naito Parkway" signs. Turn right on Naito Parkway (traffic signal). Continue four blocks to SW Main Street. Turn left on SW Main Street. Continue seven blocks to SW Broadway. The Arlene Schnitzer Concert Hall is on the right side, between SW Broadway and SW Park Street.

Portland Center for the Performing Arts

TRUCK LOADING DOCK/STAGING AREA INFORMATION

Keller Auditorium (formerly Portland Civic Auditorium), 222 SW Clay Street

The loading dock is located at the intersection of SW 2nd and SW Clay streets, on the Clay Street side of the building. The truck dock is 23' wide and 30' long, and accommodates two semi trailers at a 3% / 7 degree decline from street level. The loading dock height is 30 inches, and the exterior dock area is approximately 7' deep and 23' wide. The overhead loading door is 10' high and 14' wide. Inside the loading door is a ramp 19' wide and 11' long leading down 12 inches to stage level. The slope of the ramp is approximately 3% / 7 degrees. There is a staging/crossover area at the base of the ramp and upstage of the playing area which is approximately 19' wide, 80' long and 34' 9" high (clear height). There is additional staging/storage space accessible from SL (see SUPPORT AREAS section).

Arlene Schnitzer Concert Hall, 1037 SW Broadway

Street level loading doors are located at the intersection of SW Park and SW Salmon streets, on the Salmon Street side of the building. Truck parking is curbside, parallel to the loading doors. The outer loading doors are 6' 10" wide and 11' 0" high. Inside the loading doors, a ramp, 8' 6" wide and 10' 6" long leads down 28 inches to the stage level and an inner overhead loading door, 8' 0" wide and 9' 8" high. The slope of the ramp is approximately 6% / 13 degrees.

Newmark Theatre, New Theater Building, 1111 SW Broadway

The loading dock is located on SW Madison Street, between SW Broadway and SW Park streets. Trailer parking is parallel to the loading doors. Due to the slope of the sidewalk and street, the loading dock height relative to the ground is 3'4" on one side and 3'10" on the other side. The loading doors are 9' 4" wide and 9' 1" high. Behind the upstage wall of the playing area there is a staging/storage area which is approximately 40' wide and 20' deep. Three inner doors along the staging/storage area to the stage are 10' 0" W x 26' H, 13' 0" W x 28' H and 12' 8" W x 26' high.

Dolores Winningstad Theatre, New Theater Building, 1111 SW Broadway

Street level loading doors are located on the SW Park Street side of the building, between SW Madison and SW Main streets. Truck parking is curbside, parallel to the loading doors. The doors are 7' 6" wide and 7' 9" tall. A freight elevator, approximately 8' wide, 8' tall and 20' deep, transports equipment and materials from street level to stage level, one floor below.

LONG TERM TRUCK PARKING

Portland traffic regulations prohibit overnight curbside parking. Upon request, the Operations Department can provide information about long term parking options.

RULES AND REGULATIONS FOR PRODUCTION FACILITIES AT THE PORTLAND CENTER FOR THE PERFORMING ARTS

GENERAL

These rules are provided for PCPA user groups which utilize any stage, backstage or related production areas. Additional PCPA policies and rules may be adopted and enforced as necessary.

1. Decorations or signs will not be placed in any rooms, hallways, lobbies or theaters in the PCPA buildings without the permission of management. Expenses for any damages incurred by the violation of this rule will be paid by the party responsible for the damage.
2. No sign or decoration is allowed on the building exterior or sidewalk, unless approved in advance by the Operations Department or Event Services Department.
3. The visiting company will not obstruct any portion of the entries, hallways, elevators, stairs or other egress from PCPA buildings including access to all building utilities.
4. The visiting company will not permit smoking in any theater or in control rooms at any time. Smoking on stage is only permitted as part of a performance, and only when management approval and a valid fire permit have been obtained in advance. Smoking is permitted on exterior balconies and outside PCPA buildings only.
5. Animals (other than seeing eye/assist dogs) will not be allowed in PCPA buildings for any reason other than for use in a production or related promotional event. This privilege must be secured through the PCPA Operations Department or Event Services Department prior to load-in.
6. If food and/or beverages are to be provided for visiting company personnel, receptions or related events, these services must be provided by an approved PCPA caterer. A list of approved caterers is available from the Operations Department or the Event Services Department.
7. PCPA reserves the right to determine the uniformed (MERC) or non-uniformed (PEER) security personnel requirements for each event. Loaded firearms are prohibited in PCPA buildings, with the exception of uniformed MERC security personnel on duty, or 'stage use' weapons, which have appropriate safety features and prior approval by the Operations Department.

PRODUCTION RELATED

1. The visiting company will provide identification and/or complete lists of all persons to be allowed in the backstage area. This list must be provided at the beginning of the load-in and is subject to approval by the Operations Department. PCPA reserves the right to restrict backstage access. All persons must sign in and show identification at the stage door.
2. The house opens no less than thirty (30) minutes prior to scheduled show time. All set-up and sound checks must be completed by this time. The Operations Department will assist the visiting company in opening the house on time.

3. **UNDER NO CIRCUMSTANCES WILL A PERFORMANCE BEGIN OR AN INTERMISSION END WITHOUT THE EXPRESS VERBAL APPROVAL OF A PCPA HOUSE MANAGER.**
4. The management reserves the right to determine the final maximum sound level for any event in PCPA buildings.
5. All pre-production coordination between the visiting company and PCPA Stage Department Heads will be through the Operations Department.
6. PCPA maintains security for all areas under its jurisdiction. No additional locks will be permitted on any door of the premises. It is recommended that valuables be collected by the visiting company's Stage Manager prior to the performance and kept until the performance is completed. PCPA assumes no responsibility for valuables or personal property left in dressing rooms.

7. **CONDITIONAL USE PERMITS ARE REQUIRED for any use of flame, combustible materials, stage use fire arms and pyrotechnic effects.**
ALL USE OF FLAME, SMOKE EFFECTS, FIREARMS AND PYROTECHNICS MUST BE APPROVED IN ADVANCE BY THE OPERATIONS DEPARTMENT AND THE CITY OF PORTLAND FIRE MARSHALL, and when appropriate THE STATE OF OREGON FIRE MARSHALL. This includes the use of candles, incense, cigarettes, cigars, pipes, lighters, torches of any kind, flashpaper, stage firearm weaponry, etc. Client companies must be prepared to demonstrate effects to the Fire Marshall prior to approval.

The use of any special effects which may affect audience comfort or safety (such as the use of strobe lights) must be approved in advance by the Operations Department.
PCPA reserves the right to limit or prohibit the use of effects which may constitute a hazard to patrons, employees or the facilities.

THE POSSESSION OF AND USE OF FIREARMS, OTHER THAN STAGE USE WEAPONS WHICH HAVE APPROPRIATE SAFETY FEATURES, IS PROHIBITED IN PCPA FACILITIES.

Conditional use permits for fire and flame normally require 7 days to process.
Conditional use permits for pyrotechnics and stage firearms normally require 14 days to process and require on site demonstrations for the Fire Inspectors.

8. Any changes to house rigging or equipment must be approved in advance by the Operations Department.
9. The visiting company will not make holes, drive nails, tacks, stage screws or similar articles in any part of the premises without approval by the Operations Department.
10. Seat kills for production control equipment must be approved in advance by the Operations Department. The use and ticketing of pit seats must be approved in advance by the Operations Department.
11. Determination of the number and type of stage labor required for the event shall be solely the responsibility of the PCPA Director. Licensee shall provide all stage labor required for the event, except for house department heads provided by the facility.

Portland Center for the Performing Arts

ARLENE SCHNITZER CONCERT HALL

STAGE DIMENSIONS

Proscenium: 53' 10" wide x 32' 0" high

Note: All US/DS dimensions are referenced from the upstage plane of the proscenium/plaster line; 0' 0".

Stage deck w/apron: 97' 4" x 32' 3"
CL to SL (lock rail): 38' 4" (onstage edge of lock rail to wall: 2' 9")
CL to SR (Orch. shell in stored position): 47' 3" (onstage edge of stored shell to wall: 9' 0")

Reference line to apron edge: 3' 1"
Reference line to pit elevator edge: 10' 11"
Reference line to back wall: 29' 2"
Reference line to last lineset: 28' 11"

Stage height from house floor: 3' 6"

Pit elevator dimensions: 34' 7" W x 4' 0" (sides) - 7' 10" D (center)
Orchestra pit capacity: 15 musicians
Maximum pit travel: - 8' 2"

Choir loft dimensions: 45' 9" W x 8' 0" D (located in upstage wall)
Loft height above stage: 8' 2"
Loft capacity: Approximately 80

Portland Center for the Performing Arts

ARLENE SCHNITZER CONCERT HALL

GRIDIRON AND RIGGING INFORMATION

Type of counterweight system:	single purchase, T-track
Lock rail location:	SL
Line sets:	30
Line sets available for use:	24(six line sets permanently rigged for orchestra shell)
Batten length/type:	61' 0" (1 ½" ID steel pipe)
Lift lines per lineset:	7
Height to grid working surface:	69' 3"
Structural steel height:	76' 8" / 77' 3"
Batten high trim:	68' 0"
Pipe travel:	65' 0"
Loading bridge height:	63' 5"
Arbor load limit over pipe weight:	1200 lbs.
Mid bridge height:	25' 6" (bottom)
Pin rail height:	30' 0"

Arlene Schnitzer Concert Hall

Lineset Schedule

Line	Distance	House Hang	Show Hang	Weight	Notes
1	0'8"	Valance			Permanent
2	1'3"	Main Curtain			Permanent
3	2'2"	Rock Border			
4	3'5"	1st Electric			Permanent Raceway
5	4'7"	1st Striplights			
	6'0"	#1 Shell Walls			Permanent
	7'2"	#1 Shell Ceiling			Permanent
6	8'11"	#1 Border			
7	9'11"	Traveller			Track Permanent
8	10'11"				
9	11'11"	2nd Electric			
10	12'11"	2nd Striplights			
11	13'9"				
	15'2"	#2 Shell Walls			Permanent
	16'4"	#2 Shell Ceiling			Permanent
12	17'11"	#2 Border			
13	18'7"	#2 Legs			
14	19'3"				
15	19'11"	Midstage Black			
16	20'7"				
17	21'3"				
18	21'11"	3rd Striplights			
19	22'7"	Cyc Electric			Permanent Raceway
20	23'2"				
	24'4"	#3 Shell Walls			Permanent
	25'6"	#3 Shell Ceiling			Permanent
21	27'3"	#3 Border			
22	27'9"				
23	28'3"				
24	28'9"	Upstage Black			
	29'2"	Backwall			
Proscenium: 32' x 53'10" Edge of Stage to Backwall: 32'3" Height to Grid Surface: 69'3" Lock Rail Location: Stage Left Floor Batten Length: 61'0" (1_1/2" I.D. steel pipe) Lift Lines per Batten: 7 Arbor Weight Limit: 1200 lbs. Batten High Trim: 68'0" Batten Travel: 65'0" Pinrail Location: Right and Right Midbridge Height: 25'6"(Bottom) Pinrail Height: 30'0" & 28'0" Loading Bridge Height: 63'5"			<u>HOUSE FIXED RIGGING POINTS</u> ALL Points 3000 lb. working load <u>FRONT OF HOUSE</u> <i>21' from 0'0"</i> (1) Center, (1) 18' Right, (1) 18' Left (1) Fall Arrest Point (5000 lb.) House Left <i>40' from 0'0"</i> (1) Center, (1) 12' Right, (1) 12' Left NO Related Fall Arrest Point available <u>ONSTAGE SOUND POINTS</u> Two Beams 1'0" upstage of 0'0" Each starts 20' from center and extends to arch Height at top of beam is 77'3"		

Portland Center for the Performing Arts

ARLENE SCHNITZER CONCERT HALL

SOFT GOODS

Main curtain color/material: Beige/velour
Valance: Beige/velour

Type: Guillotine or traveler

Operation location: SL on lock rail at stage level

Masking draperies: Black velour

Legs	6	19' W x 35' H
Tabs	2	3' W x 31' H
Panels	4	23' W x 35' H
Panels	2	33' 6" W x 27' 0" H
Borders	5	65' W x 12' H
Traveler panels	2	40' W x 35' H

Black duvetyn

Tabs	2	8' W x 31' H
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Other: Picture sheet 1 28' W x 22' H

Portland Center for the Performing Arts

ARLENE SCHNITZER CONCERT HALL

LIGHTING

House console:	ETC Obsession II, 750 channels		
House console location:	Balcony center		
House dimmers:	Dimmer per circuit, 212 total circuits		
	2.4 kW	192 circuits	
	6 kW	20 circuits	
Road power:	1 @ 400A three-phase, DSL		(extra charge)
Cam Lock or bare tails	2 @ 400A three-phase, DSR		(extra charge)
	1 @ 200A three-phase, DSR		(extra charge)
	1 @ 50A three-phase, DSR		(extra charge)
	Shore Power for buses DSR		(extra charge)

FOH circuits/transfer location: 86 / DSL

FOH positions; house hang:	Apron cove slots L/R	6	20A circ ea;	6, 10 degree	Source 4
L/R indicates two positions	Near box boom L/R	8	20A circ ea;	13, 19 degree	Source 4
	Far box boom L/R	8	20A circ ea;	12, 10 degree	Source 4
***All FOH units are	Eyelash slots L/R	6	20A circ ea;	6, 10 degree	Source 4
permanent hang--	Balcony rail	12	20A circ	9, 19 degree	Source 4
not moveable	Ceiling slots L/R	6	20A circ ea;	4, 10 degree	Source 4
	Spot booth pipes	12	20A circ		

Portland Center for the Performing Arts

ARLENE SCHNITZER CONCERT HALL
LIGHTING, continued

Stage circuits:

Wired electrics	#1 Electric (lineset 4)	20A	24
	Cyc Electric	20A	12
Drop boxes	DSL, DSR, USL, USR	20A	4 ea.
		50A	2 ea.
	DSC, USC	20A	6 ea.
	Rovers - 2 SL, 2 SR	20A	4 ea.
DL, DR Arch walls	20A	4 ea.	
	50A	2 ea.	
UL, UR walls	50A	4 ea.	
SL, SR floor pockets	20A	4 ea.	
Orchestra pit	20A	4	

Fixture inventory:

ETC Source 4 Instruments

Including FOH instruments

ETC 405	5 degree	12 each
ETC 410	10 degree	48 each
ETC 419	19 degree	56 each
ETC 426	26 degree	20 each
ETC 436	36 degree	20 each
ETC 450	50 degree	6 each
ETC S4 PAR	body and set of four lenses	50 each
ETC 400 RS	Iris	10 each
ETC 400 BD	Barn Doors	10 each
L&E 3 Circuit Cyc	fixtures	8 each
300W R40	Strip lights	18 each

Follow spots: Strong 1600W Xenon Super Trouper 2 each (extra charge)

Portland Center for the Performing Arts

ARLENE SCHNITZER CONCERT HALL

PROJECTION DISTANCES

Spot booth to 0' 0" /angle to position @ 6' 0" above stage:	150' / 25 degrees
Ceiling slots to 0' 0" /angle to position @ 6' 0" above stage:	115' / 42 degrees
Eye lash slots to 0' 0" /angle to position @ 6' 0" above stage *:	95' / 40 degrees
Box Boom #2 to 0' 0" at center line/ angle to position @ 6' 0" above stage/ Horizontal angle from center line at 0' 0":	85' / 28 degrees/ 50 degrees
Box Boom #1 to 0' 0" at center line/ angle to position @ 6' 0" above stage/ Horizontal angle from center line at 0' 0":	64' / 30 degrees/ 45 degrees
Balcony rail to 0' 0" /angle to position @ 6' 0" above stage:	50' / 13 degrees
Apron slots to 0' 0" /angle to position @ 6' 0" above stage:	76' / 70 degrees
Orchestra first row center to 0' 0" at center line:	16'
Orchestra last row center to 0' 0" at center line:	110'

* Horizontal angle from center line same as Box Boom #2

Portland Center for the Performing Arts

ARLENE SCHNITZER CONCERT HALL

AUDIO

House console:	AMEK/Langley Recall, Inputs: 40 mono Mute/VCA Groups: 8 Matrix: 10 x 8 Aux outputs: 12, pre/post selectable per channel Recall of all surface settings via external computer
House console location:	Balcony center
House equalization:	Ashley Protea
Effects processing equipment:	AMEK Virtual Dynamics processing in console, via Showtime Automation/ P90 PC: (one effect selectable per channel) Gates 3 Compressors 3 Auto Panner Expander Limiter
Outboard processing	DBX 160- 3 Lexicon 224X digital reverb: (w/LARC controller)
House Speaker Systems: Orchestra level: Stereo	4 custom 2-way bi-amped cabinets (2-stacked per side of proscenium) JBL 2235 15" drivers/cabinet 2 JBL 2445 driver/cabinet 1
Amplifiers: Processing	Crown BSS

Portland Center for the Performing Arts

ARLENE SCHNITZER CONCERT HALL

AUDIO, continued

Under Balcony Delay:	28 speaker positions 3 delay zones	
Delay Amplifiers:	Fender	
Processing:	White/DBX/Klark Technik	
Balcony cluster: Mono	Tri-amped single point cluster	
	18" JBL 2245 drivers	4
	Community M4 low/mid drivers	4
	JBL 2445 drivers	4
PA Amplifiers:	Crown	
Processing:	BSS	
Monitor speakers:	JBL 4602 passive floor wedges	10
	JBL 4612 passive speakers	4
	Galaxy Hotspots	6
Monitor equalization:	White 4100	6
Monitor Amplifiers:	Fender	
Playback equipment:	Tascam CD-RW 2000 CD recorder	1
	Tascam CD-01U CD player	2

Portland Center for the Performing Arts

ARLENE SCHNITZER CONCERT HALL

AUDIO, continued

Microphones:	AKG 422 Stereo	1 (fixed house hang)
	AKG 460	11 (11 cardioid; 4 omni capsules)
	AKG D321	4
	AKG C414 EB	2
	Crown PCC160	5
	Shure SM 59	6
	Shure SM 58	9
	Sennheiser MD421	4
	Countryman TV-H Wired Lavalier	2
	AXE active direct boxes	3
Wireless:	Shure UHF- Channels Total	2
	Body Paks	2
	Handheld SM58 Capsules	2

Note: (Wireless must be booked in advance at extra charge.)

Road power:	250A three-phase switch DSR	(extra charge)
	50A three-phase switch DSR	(extra charge)

Road console location: Orch level, section (C), seating is removed in last 2 rows HH and JJ. Row GG is often held for cables and console access.

Snake run distance to console: 200'

Production intercom system: ClearCom, 12 x 4 channel matrix, 25 hme headsets

Paging and monitor system: Stage to dressing rooms and offstage areas

Listen Tech assisted listening system, wireless FM
Headsets available at Coat Check room in Main Lobby

Portland Center for the Performing Arts

ARLENE SCHNITZER CONCERT HALL

DRESSING ROOMS/WARDROBE INFORMATION

Green room is located on lower level, 22' X 32'

Stage level, access from USL/USR: Star rooms 2 furnished, carpeted dressing room & bath

Dressing room tower, access from SL: Rm Persons Sinks Toilets Showers

2 nd floor:		204	1	1	1 shared	1 shared
		205	1	1	"	"

3 rd floor:	Chorus room 311	12-18	--	3 shared	1 shared	
	Chorus room 316	20-30	--	"	"	
		318	2	1	1 shared	1 shared
		320	2	1	"	"

4 th floor:		424	4	1	1 shared	1 shared
		425	3	1	"	"

5th floor: 508 is the Laundry Room with 2 washers and 2 dryers

Notes: -- Elevator and stairway access to all floors.
-- All dressing rooms have mirrors, counters, and chairs.
-- Non-chorus rooms have wall racks for hanging costumes.
-- Two additional bathrooms/three additional showers on lower level, near green room.

Wardrobe equipment:

Wardrobe racks:	4 large, 3 small rolling racks
Iron, ironing board:	1, 1
Garment steamer:	1 (extra charge)
Washer, dryer:	2 washers, 2 dryers in PCPA bldg across street (extra charge)

Portland Center for the Performing Arts
ARLENE SCHNITZER CONCERT HALL
SUPPORT AREAS/ SUPPLEMENTAL EQUIPMENT/
MISCELLANEOUS INFORMATION

Pianos:	9' Steinway grand piano	(extra charge)
	7' Steinway grand piano	(extra charge)
	Steinway upright piano	(extra charge)
Orchestra equipment:	Music stands/lights	75/85
	Symphony chairs	110
Risers Tops	12 each at 4'X8'	
	4 each at 4'X5'	
	2 each at 4'X4'	
Riser Legs (pipe style)	44 each at 24"	
	33 each at 18"	
	24 each at 12"	
	16 each at 6"	
Miscellaneous equipment:	Tables, folding	6' 3
		8' 7
	Plastic stack chairs	
	Personnel lift	Genie AWP 36S, 36'6" platform reach
	Ladders	6' and 8' and 10' step ladders
	Dollies, hand trucks, truck dock plate	
	Lectern (up to 4 matching)	(extra charge)
Black, vinyl dance flooring:	6' 7" x 60' rolls	6 (extra charge)
Choral risers:	3-step units, 5' wide--	10 each
Telephones:	Event rental telephone lines available for rent on request. Locations in most back stage areas.	
Security:	If uniformed security is requested, PCPA will arrange for personnel through our Peer Security contractor, for extra charges to be paid by the client.	