

Portland Center for the Performing Arts
ROBYN WILLIAMS
DIRECTOR

Technical Information

NEWMARK THEATER

Revised: 2/05

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 1,000,000 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 Manager Tom Bugas 503-796-6506

* Stage Supervisor Bill Gardner 503-274-6599

Operations Department facsimile machine 503-796-6507

* Requests for technical and production information about the Newmark Theater should be directed to the Stage Supervisor.

Business agent, IATSE local #28 Chris Bateman 503-295-2828

Stagehand Union

Portland Center for the Performing Arts

Technical Information

NEWMARK THEATER

Seating capacity	880
Orchestra level	384
Boxes	52
1st Balcony level	241
2nd Balcony level	203

Portland Center for the Performing Arts

DIRECTIONS TO THE NEWMARK THEATER

The Newmark Theater is located in downtown Portland on the East side of the PCPA New Theater Building, at 1111 SW Broadway.

Stage door: 1111 SW Broadway, between SW Main Street and SW Madison Street.

Loading doors: SW Madison Street between SW Park Street and SW Broadway.

Patron entrances: SW Main Street and SW Broadway.

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 Main Street. The PCPA New Theater Building is on the right side, between SW Main Street and SW Madison 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 Broadway. Turn right on SW Broadway. Continue one block to SW Main Street. The PCPA New Theater Building is on the right side, between SW Main Street and SW Madison Street.

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. Turn left on SW Broadway. The PCPA New Theater Building is on the right side, between SW Main Street and SW Madison Street.

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

Cross the Ross Island Bridge and follow “Highway 26/Front Avenue” signs. Turn right on Front Avenue (traffic signal). Continue four blocks to SW Main Street. Turn left on SW Main Street. Continue seven blocks to SW Broadway. Turn left on SW Broadway. The PCPA New Theater Building is on the right side, between SW Main Street and SW Madison Street.

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TRUCK LOADING DOCK/STAGING AREA INFORMATION

Keller Auditorium (formerly 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 Theater, 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 Theater, 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.

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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 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.

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 LIVE FIREARMS IS PROHIBITED IN PCPA FACILITIES.

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.

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.

NEWMARK THEATER STAGE DIMENSIONS

Proscenium: 40' 0" - 48' 6" W (adjustable) x 26' 0" H

Note: US/DS measurements are taken from the **Reference line/ 0' 0,"** which is the score line in the stage floor/ 19" US of the plaster line.

Main curtain line/ lineset #2 is at 0' 0"

Stage deck w/apron: 80' 4" x 45' 0"

CL to SL lockrail: 37' 3" (Lockrail to SL wall: 3' 6")

CL to SR wall: 39' 7"

Stage height above house floor: 3' 8"

Reference line to apron edge: 4' 0" (Apron edge is straight)

Reference line to DS elevator edge: 15' 0" at center (DS elevator edge is curved)

Reference line to DS elevator edge: 11' 8" at L/R edges

Elevator dimensions: 47' 8" W x 10' 6" D at CTR; 7' 2" D at L/R edges

Reference line to back wall: 41' 0" (Measured to DS edge of pilasters along back wall)

Reference line to last lineset: 38' 8"

ORCHESTRA PIT

Musician Capacity: 30-35 musicians

Maximum pit elevator travel: - 11' 3"

Pit Elevator at Orch. playing position: - 7' 9"

Pit risers to match elevator: 6' 6" Deep x 32' 0" W x 3' 6" H

Portland Center for the Performing Arts

Technical Information

NEWMARK THEATER

GRIDIRON AND RIGGING INFORMATION

Type of counterweight system:	single purchase
Lockrail location:	SL, stage level
Linesets:	50
Linesets available for use:	48 (including five house electrics w/raceways)
Pipe length/type:	58' 0" / 1.5" ID steel
Lift lines per lineset:	6
Height to grid working surface:	64' 10"
Height to overhead steel:	73' 8"
High batten trim:	62' 6"
Pipe travel:	59' 6"
Loading bridge height:	62' 10"
Arbor capacity above pipe weight:	900 lbs.
Pin rail location:	Lower galleries SL and SR
Height to lower galleries:	SL 27' 10" (working surface) SR 26' 10" (working surface)
Height to upper galleries:	SL/SR 44' 10" (working surface)

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SOFT GOODS

Main curtain color/material: Teal/ velour; matching valance on separate lineset

Type: Guillotine or traveler

Operating location: SL single purchase counterweight, on lockrail

Masking draperies: Black velour

Legs	12	16' 0" W x 32' 0"H
Borders	6	59' 0" W x 15' 0" H
Black Out Panels	2	33' 0" W x 35' 0"H
Black Out Drop	1	59' 0" W x 32' 0" H
Traveler Panels	2	35' 0" W x 35' 0"H

Other:

White filled scrim 60' W x 31' H

Picture sheet 33' 11" W x 18' 7" H front projection only

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LINE SCHEDULE

Lineset	Dist. to plaster *	House hang	Lineset	Dist. to plaster*	House hang
1	1' 0"	House valance	26	22' 10"	#3 Black border
2	1' 7"	House main curtain**	27	23' 6"	#4 Black legs
3	2' 8"		28	24' 6"	
4	3' 4"	#1 Black legs	29	25' 8"	#4 Electric
5	4' 4"	#1 Electric ***	30	26' 4"	
6	5' 8"		31	27' 0"	
7	6' 4"		32	27' 8"	
8	7' 8"		33	2	
9	8' 8"	#1 Black border	34	29' 4"	#4 Black border
10	9' 4"	#2 Black legs	35	30' 4"	#5 Black legs
11	10' 4"	Picture sheet	36	31' 0"	
12	11' 4"	#2 Electric	37	31' 8"	
13	12' 0"		38	32' 4"	
14	12' 8"		39	33' 0"	
15	13' 4"		40	33' 8"	#5 Electric (cyc)
16	14' 4"		41	34' 4"	
17	15' 4"	#2 Black border	42	35' 0"	
18	16' 4"	#3 Black legs	43	35' 8"	
19	17' 4"	Black traveler ***	44	36' 4"	
20	18' 4"		45	37' 0"	
21	19' 2"	#3 Electric	46	37' 8"	Blackout drop
22	20' 2"		47	38' 4"	#6 Black legs
23	20' 10"		48	39' 0"	White scrim & bounce
24	21' 6"		49		Tab pipe SL ***
25	22' 2"		50		Tab pipe SR ***

Notes: * Measured from plaster line--not the same as Reference Line on other pages

** Equal to Reference Line on other pages

*** Permanent hang/not movable

Note: minimum of 8 hands needed to transfer Traveler Tracks for Main Curtain and Black Traveler

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NEWMARK THEATER LIGHTING

House console: ETC Obsession II 750 SPS

House console location: Enclosed control booth, rear of orchestra level

House dimmers: Strand CD 80, dimmer per circuit, AMX control protocol, soft patch
210 - 2.4 kW
30 - 6.0 kW

Road power: 400A 3-phase, USR in staging dock
400A 3-phase, USR in staging dock
50A 3-phase, USC back wall of stage

FOH circuit transfer: USR, in staging dock

FOH circuit locations: House repertory hang and circuit location list available on request

Stage circuit locations: House repertory hang and circuit location list available on request

Lighting inventory:

20	ETC 410	S4 Body and lens tube
60	ETC 419	S4 Body and lens tube
60	ETC 426	S4 Body and lens tube
50	ETC 436	S4 Body and lens tube
15	ETC 450 LT	S4 50 degree lens tube
48	ETC S4 PAR-EA	Par body and set of four lenses
6	ETC 400 RS	Source 4 iris kit
10	4-cell	Colortran Far Cyc units
14	4-circuit	500w 'T' lamp ground row units
12	3-circuit	8' R40 300FL strip light units

Followspots: 2 Strong 1600w xenon Super Trouper (extra charge)

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PROJECTION DISTANCES

1st Balcony rail to 0' 0" @ 6' 0" above stage: 46' 0"

Farthest dome position to 0' 0" @ 6' 0" above stage: 50' 0"

Ceiling cove to 0' 0" @ 6' 0" above stage: 84' 0"

Followspot booth to 0' 0" @ 6' 0" above stage: 82' 8"

Control booths to 0' 0" @ 6' 0" above stage: 61' 0"

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NEWMARK THEATER

AUDIO

House console

Yamaha PM3500-32

Inputs 32 mono/ 4 stereo

Aux inputs 8

Sub groups 8

Aux sends 8

Matrix 12 x 8 (8 mono/ 4 stereo ins)

Stereo master output

House console location

Sound booth at rear of orchestra level seating.

Microphones

4 Shure SM 81's

4 AKG 321's

1 Sennheiser 421

3 Beyer M 88's

1 Shure MX 412 podium mic

2 Audio Technica AT 853a hanging choir mics with optional boom clip

5 AKG 451's w/ CK 1 & CK 2 capsules

6 Audio Technica AE5400 Hand held vocal condenser mics

2 Audio Technica AT4050 Side address large diaphragm condenser

3 Crown PCC160

4 EV foam mics

Direct Boxes

2 Radial Engineering JDI - Jensen-equipped passive direct box

1 Radial Engineering JDI Duplex - Two-channel Jensen-equipped passive DI

1 RapcoAV-1A Audio Video Interface

2 Stewart DI's

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AUDIO (continued)

Stands and Cabling

10 short stands

17 regular tall stands

23 boom arms

3 eleven channel swing snake stage boxes

2 eleven channel swing snake XLR male fanouts

4 eleven channel swing snake multi core cable to mate with above stage boxes and fanouts

Intercom

10 Clearcom RS502-TW belt packs

10 CC95 headsets

6 Vbox enclosures with KB211 stations

2 Clearcom Signal Flashers

1 RM22 base station for stage manager

Speakers and Amplifiers

2 12" x 2" front of house biamped speakers

Crown Macrotech MA1202vz and MA2400vz

BSS 366t OmniDrive

1 Proprietary TAD component two-way cluster, proscenium hung

2 EAW SB1000, BSS 336t OmniDrive, Crown MA 3600vz

6 Fender brand wedges, 12" x 3/4"

6 Ramsa A-200's

4 Ramsa A-240 subs with associated Ramsa x-over

4 Nexo PS8 speakers with associated Nexo TD controller

21 installed surround/effects-playback speakers

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NEWMARK THEATER

AUDIO (continued)

Additional Amplifiers

- 1 Crown K2 amplifier
- 1 Crown ComTech CT800
- 9 JBL/Urei 6230

Outboard Processing

- Tascam CD-RW402 dual well CD recorder / player
- 1 Yamaha Rev 7
- 2 Ashley Protea System II 4.24 G with Remote
- 4 DBX 160 compressors
- 3 DBX 166 compressors
- 2 Tascam 112mkII cassette decks
- 1 pr Genelec 1030a booth monitors
- 1 advanced paging system for lobby, back stage, green rooms, and dressing rooms, which includes monitoring of stage and house.

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DRESSING ROOMS/ WARDROBE INFORMATION

Dressing room access from SR:	Rm	Persons	Sinks	Toilets	Showers
Stage level (2 nd floor):	21	2	1	1	1
	22	2	1	1	1
	23	8-12	2	1	2
3 rd floor:	31	2	1	1	1
	32	2	1	1	1
	33	8-12	2	1	2

Notes: Elevator and stairway access to all floors.
All dressing rooms have mirrors, counters, lights and chairs.

Wardrobe equipment:

Rolling wardrobe racks:	2			
Ironing board:	1			
Steamer:	1	(by arrangement)	(extra charge)	
Washer/dryer:	2 washers/2 dryers	in Rm. B47, lower level		(extra charge)

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SUPPORT AREAS AND SUPPLEMENTAL EQUIPMENT

MISCELLANEOUS INFORMATION

Performer lounge area: Located on third level outside dressing rooms

Pianos: 7' Steinway grand piano (extra charge)
Steinway upright piano (extra charge)

Orchestra equipment: Music stands 36
Symphony chairs 85

Miscellaneous equipment: Folding tables By arrangement
Personnel lift UP-RIGHT, 38' platform reach
Ladders 6' 8' 10' step ladders
Dollies, hand trucks, truck dock plate
Lectern (extra charge)
35mm xenon film projector (in spot booth) (extra charge)
Black, vinyl dance flooring: 6' 7" x 60' rolls 6(extra charge)
Choral risers:3-step units, 5' wide 10

Telephones: Production analog telephone lines available for extra charge.

Security: If uniformed security is requested, PCPA will arrange for personnel through Peer Security, which is contracted to provide such service for PCPA facilities. (extra charge)