

# Lane Community College

Performance Hall

4000 E. 30<sup>th</sup>

Eugene, OR. 97405

Technical: (541) 463-5643

Office: (541) 463-3108

Fax (541)463-4172

## I. Information

Direct all technical questions to James McConkey, Technical Director at (541) 463-5643, email [mcconkeyj@lanecc.edu](mailto:mcconkeyj@lanecc.edu)

### Directions:

Lane Community College is located next to I-5 off 30<sup>th</sup> Avenue in Southeast Eugene. The Performance Hall is best accessed from Eldon Shafer Drive at the bottom of 30<sup>th</sup> Avenue. Follow the signs for "Theatre Parking." The Performing Arts building is number 6 at the far corner (SW) of the parking lot.

## II. Personnel Policy

The college requires a staff or faculty member to be present for all rehearsals and performances in the Performance Hall.

## III. Auditorium Seating

House capacity = 495

Row E (first row) allows a complete view of the stage floor. The arrangement of the seats and the continuous slope of the auditorium provide extraordinary sightlines to all patrons. Views from seats to the extreme right and left of the auditorium may be slightly obstructed for exits and entrances but are satisfactory for most concerts, recitals and stage performances.

- There is ample wheelchair space at the top areas of the auditorium.
- For a seating diagram, please visit our website at [www.lanecc.edu/perarts](http://www.lanecc.edu/perarts)

## IV. Stage

*Standard measurement reference points:*

- The centerline (CL): An imaginary line running down the center of the stage, separating stage left from stage right.
- The plasterline (PL): An imaginary line just upstage of the proscenium that is considered to be the foremost edge of the stage.

### Dimensions:

*Proscenium width:* Adjustable from 30'-50'

*Proscenium height:* Adjustable from 12'-17'6" (Normally 16')

*Grid height:* See the section plan on the website [www.lanecc.edu/perarts](http://www.lanecc.edu/perarts). The grid is raked such that it is higher above the stage as one moves upstage.

Plasterline to:

Upstage wall 38'6" (Normal upstage distance 32')

Apron edge 2'4"

Thrust edge 10'9"

Wing space: CL to Fly Rail 42'7"

CL to SR wall 44'

Main Curtain:

The main curtain is made of very heavy, medium-blue velour with 100% fullness. It can open side to side (operated SR) or up and down (operated SL). Due to its extreme weight and that it occupies a primary lighting position when used, it is not often used. Two operators are recommended. A black velour drop is also available and more commonly used as a main curtain. It is easier to operate and can be hung a little further upstage allowing easier access to the forestage area.

Orchestra Pit (Flexible Apron):

The thrust consists of three sections. Each section is adjustable in 6" height increments. The upper level of the thrust is at stage height, 3'5" from the auditorium floor. The lower level is 4' below the auditorium floor where it meets a 5' deep by 32' wide by 3'5" high platform beneath the stage in the pit area. This platform provides extra space for the orchestra. The thrust's total vertical travel distance is 7'5"

Vomitory Entrances:

The auditorium contains two vomitoriums that lead to the orchestra pit/basement. Uncovering these entrances is very labor intensive and needs advance notice if their use is intended.

Stage Floor:

The stage floor is constructed of 1" plywood on structural beams. It is ok to screw into.

Traps:

The stage contains 2 sets of 4 trap doors. These 4x8 traps can be removed to allow access to the basement. They may be used for special effects or for entrances/exits through the floor. The first set of traps is 3' 6" from the plasterline and the second set is 18' 9" from the plasterline. Removing the traps requires a great deal of labor and needs advance notice if their use is intended.

Stairs to audience:

2-3' wide step units of 4 steps each lead from either side of the apron into the auditorium.

Floor covering:

The LCC Dance Department owns two sets of dance floor.

1. Harlequin reversible black/grey. 2 pieces 55' x 6'7", 3 pieces 58' x 6'7"
2. Harlequin reversible black/white 2 pieces 55' x 6'7", 3 pieces 58' x 6'7"

Risers:

5 Wenger choral risers

6 Older Wenger choral risers

4' x 8' Wenger platform risers, 6 @ 8", 7 @ 16", 10 @ 24"

Acoustic shells:

Six sections of Wenger acoustic shells are available. Each section is on wheels and measures 6' wide and 13'5" high. The tops of these units also tilt forward to provide more downward reflection.

Stage entrances:

There are three entrances onto the stage from behind the proscenium: stage right from the main hallway, stage right from the basement and stage left from the basement.

Fly System:

The stagehouse has 27 line sets in a single purchase counterweight system. Each line is equipped with a 60' batten. Many battens may be extended if more width is required. The fly rail is located stage left. The battens are 2" ID-larger than industry standard.

Standard Rigging Plot:

<u>Line #</u>	<u>Distance from PL</u>	<u>Rep. Hang</u>	<u>Peak Trim Height</u>
1	2'	Black Act Curtain/Border	34'6"
	4' 5"	1 <sup>st</sup> Electric	
2	5' 10"		35'7"
3	6' 11"	Border	35'9"
4	7' 11"	Leg	34'
5	8' 10"		34'
6	10' 1"	2 <sup>nd</sup> Electric	
7	11' 1"		41'6"
8	12' 1"		36'9"
9	13' 1"		36'10"
10	14' 1"	Border	36'8"
11	16' 4"	Leg	38'3"
12	17' 2"		38'3"
13	18' 2"	3 <sup>rd</sup> Electric	
14	19' 2"		38'6"
15	20' 2"		36'9"
16	21' 2"		36'9"
17	22' 8"	Border	37'
18	23' 8"	Leg	39'3"
19	24' 8"	Cyc Electric	
20	25' 8"		39'3"
21	28' 6"	5 <sup>th</sup> Electric	
22	29' 6"	Leg/Border	41'5"
23	31'	Flat Cyc	
24	32'	Full black velour	
25	34' 6"	Cyc Trip (Permanent)	
26	35' 6"		
27	36' 6"		

### Masking:

*Legs- 2 pair @ 16'w x 24'h 2 pair @ 12'w x 24'h*

*Borders- 4 @ 8'h x 60'w*

*Full black velour 24'h x 60'w*

*Cyc 22'h x 50'w*

*Mid stage Cyc 22'h x 50'w*

*Mid stage black 19'h x 50'w*

*Black act curtain 18'h x 50'w*

*White scrim 18'h x 50'w*

*Full curved cyclorama- Permanently hung upstage*

All legs and borders are black velour.

### Intercom/Monitoring/Paging System:

*Intercom:* The theater has a single station Clearcom wired intercom system. Inputs are located throughout the facility. 6 headsets are available.

*Monitoring/paging:* Backstage program and paging are available in the dressing rooms, basement hallway and Blue Door theater. Sound monitors are used in the lighting control booth. A "god mic" may be used for announcements from the booth to the auditorium and stage. A video camera feed is available in the lobby and either the Blue Door theater, backstage or basement.

## **V. Loading dock**

All loading/unloading may be done directly into the shop via a garage door or into the stage/shop via a 12' x 16' opening. The shop, stage and driveway are all at the same elevation. A ramp or lift gate is recommended for loading/unloading from trucks. The theater does not own a ramp.

## **VI. Dressing Rooms**

The theater has two ample dressing rooms located in the basement below stage level. Each room is complete with lighted mirrors, counter space, bathrooms, sinks and showers. Costume racks are available upon request. There is no elevator to the basement and the stairs to the basement do not provide easy access for large equipment or wheelchairs.

## **VII. Scene Shop**

LCC's performing arts building has a 40' x 60' scene shop located across the hall from the Performance Hall. The shop is well equipped and includes: Uni-saw, chop saw, band saw, table grinder, table sander, drill press, welding equipment, vices, workbench, paint area, sink and a 39' 6" w x 17' h movable paint frame. The scene shop is available only with proper permission and supervision.

## **VIII. Costume Shop**

The costume shop, located in the basement near the dressing rooms may be available upon request. Advance notice is required.

## IX. Lighting

### Location of the control booth:

The control booth is located at the back of the auditorium at center. It measures 10' X 25' and contains the lighting console and stage manager's station. All house, stage and work lights are accessible from the booth. The booth also contains audio monitors for backstage program, a "god mic" to make announcements to the stage, a microphone for audience announcements and wired Clearcom headsets.

### Lighting Inventory:

40	6" Colortran Ellipsoidals	1KW	These instruments are configurable to 20', 30', or 40'
46	Etc Source Four	750W	
15	Multispot 5 color LED	60W	
2	High End Cyberlight	1200W	
4	Rosco iCue		
2	Etc Source Four JR	575W	
9	6" Colortran Fresnels	1KW	
18	Altman Parcans	1KW	
6	3-Cell L & E Far Cys	1KW	
6	4" Mini Ellipse	500W	
12	16" Scoops	500W	
1	Décor followspot	1KW	
1	Strong Troupit Baby Spot	1KW	
1	10" Mirror ball		

### Lighting Console:

The Performance Hall uses an ETC Obsession II lighting console with 600 channels.

### Automated Fixtures:

- 2 High End Cyberlights
- 4 Rosco iCue moving head mirrors

### Dimmers:

The theater is equipped with 240, 20A, Colortran ENR dimmers. It is a dimmer per circuit, DMX system and each dimmer has a 2400-watt capacity.

### Connectors:

All dimmer circuits terminate in a three-pin, stage pin receptacle. We are equipped with various lengths of cable, two-fers, three-fers, and Edison adapters.

### DMX

Each of the first 4 electrics has DMX control running to it. Wireless DMX is also available though less reliable. DMX control is also available in the FOH positions and stage right and left. Only 1 DMX universe is easily accessible. Extra DMX cables and accessories are available.

### Color Filters:

An extensive inventory of Roscolux gel is available.

### Atmospheric Effects:

Le Maitre G150 water-base smoke machine

Le Maitre MVS hazer

Aqua Fog dry ice unit

### Repertory Plot:

The lighting instruments are normally arranged in a house rep plot that serves most of our needs. No instruments are hung permanently. A lighting plot is available on our website at:

[www.lanec.edu/perarts](http://www.lanec.edu/perarts)

### Front of House Lighting Positions:

*1<sup>st</sup> Beam Position*- 25' off the deck, 30' diagonally from the plasterline, this is the primary position for lighting the apron and 1<sup>st</sup> zone of the stage. (32 circuits)

*2<sup>nd</sup> Beam Position*- 25' off the deck, 37' diagonally from the plasterline, used for lighting the thrust/pit area. (16 circuits)

*Mezzanine*- 22' off the deck, some locations are available for balcony rail lighting. (16 circuits)

*Cross-over*- 25' off the deck, some slots are available to light directly over the apron and thrust area. (15 circuits)

### On-stage Lighting Positions:

Only the first electric is permanent. All other electrics are based on drop boxes to normal lighting position battens.

*First Electric*- 4'5" from PL. Permanent, motor-driven electric with 24 circuits. The circuits are duplicated beginning at SR and Center.

*Second Electric*- LS 6, 10'1" from PL (14 circuits)

*Third Electric*- LS 13, 18'2" from PL (14 circuits)

*Cyc Electric*- LS 19, 24'8" from PL (16 circuits)

*Fifth Electric*- LS 21, 28'6" from PL (4 circuits)

### Floor Pockets:

The theater is equipped with nine four-circuit floor pockets, one in each of three slots SL and SR and 3 along the back of the stage, 10' from the back wall.

## **X. Projection/Network**

### Primary projection:

We have a Panasonic PT-DZ770E 7000 lumen, dual lamp projector mounted at the center of the 1<sup>st</sup> electric. This position projects onto our flat cyc creating a 33' x 16' image. The relative high angle of the projector helps with reducing shadows and gives very good brightness.

### Secondary projection:

Three 4500 lumen projectors are also available for use.

### Projection operation:

The primary projector is fed a full HD signal via HDMI to SDI converters and a 200' run of HD coax cable. Video is run by a 2014 Mac Pro (trach can) running QLab 4. Other, older Mac Pros are available to run secondary projectors.

### Network:

An in-house wired and wireless network is available. Wired ports are available in the booth, at sound, backstage and on the 1<sup>st</sup> electric.

## **X. Sound**

Console: Allen & Heath ML 5000-40 channel, 4 stereo, 8 VCA, 16 auxiliary, 3 channel output.

The sound console is located just right of center, in front of the last two rows of seats.

Speakers: 4-EAW AS 690 cabinets flown (1-left, 1-right, 2-center) just in front of the proscenium.

Each cabinet has 1-2", 1-8", and 2-12" drivers.

2-EAW AS 625, dual-15" sub cabinets.

Each of the LRC channels has its own 1/3 octave EQ

Monitors: 2- EAW SM 122e monitors

2-EV Eliminator monitors

4-EV FM-12 monitors

2-EV SX-200 monitors

The system is capable of driving 4 monitor channels, however only three have EQ assigned.

Effects: 1-Lexicon PCM 81 Digital Effects Processor

Compressor: 1-Presonus ACP 88 8 Channel compressor/limiter w noise gates

EQ: 3 Ashly MQX 2310 Stereo 31 Band Graphic EQ

CD Player: 1-Tascam CDRW 402, 2 deck professional CD recorder/duplicator

Wired Mics: 3-Shure SM 58

4-Shure SM Beta 57

2-Sennheiser 865

Wireless Mics: 1-Sennheiser EW 300 wireless lavalier

1-Sennheiser 865 wireless handheld

Sub Snakes: 2-8 channel 50' sub snakes

Mic stands: 6-DR Pro Boom microphone stands

3-DR Pro Straight microphone stands

1-DR Pro Short boom microphone stand

DI Boxes: 2-DOD

1-Countryman

Channels 1-20 are located SR, 21-40 SL

## **XI. Pianos**

The building has 3 grand pianos and 1 upright piano available. All pianos must be rented from the Music Department. Please inquire about rental costs and availability.

(Updated 12/'17)