



**PALOS VERDES**  
**PERFORMING ARTS**  
 NORRIS THEATRE

27570 Norris Center Drive  
 Rolling Hills Estates, CA 90274  
 (310) 544-0403  
 www.palosverdesperformingarts.com

## General Theatre Information

### Seating Capacity

Orchestra.....	300
Balcony.....	139
Boxes.....	12
Total.....	451

- Seating is continental with no front or rear crossover.
- There are no stairs from the house to the stage (access is via doors at stage level).
- Seating is available for up to four wheelchairs. This requires the removal of up to 18 seats.
- No elevator access to balcony or control booths
- Seating Chart is located on page 11

### Stage Dimensions

#### Proscenium:

Adjustable width.....	33' to 44'
Height.....	19'-1"

#### Stage Depth:

Edge of apron to back wall.....	39'-6" at Center Line
Edge of apron to main curtain.....	11'-2" at Center Line
Edge of apron to plaster line.....	10' at Center Line
Edge of apron to edge of stage (pit removed).....	5'-11"
Plaster line to main curtain.....	1'-6"

Plaster line to cyclorama.....	27'-7"
<b>Stage Width:</b>	
Wall to wall.....	78'-0"
Center line to stage left wall.....	39'-0"
Center line to fly rail stage right.....	35'-0"

- Ground plan available upon request.

## Stage Floor

- Flat, suspended masonite, painted black, no wax.
- Upstage Crossover thru Shop
- Black or gray Marley dance floor available 42' wide x 30' deep. Call for pricing.

## Loading Dock

Door from Dock to Shop.....10' wide x 16' high  
Door from Shop to Stage.....13'-11" wide x 16' high

- Loading Dock is street level.
- 5' x 8' x 48" high Hydraulic lift inside Dock door.

## Workshop

Location..... Northeast corner of building  
Size..... 62' x 22'  
Door from dock..... 10'w x 16'h  
Door from stage..... 13'-11"w x 16'h

- Paint sink, 400amp company switch, and elevator to basement level.
- Cougar Man Lift XLT-CAT 23 (23'-7" Maximum platform height).
- Various heights A frame ladders – 2 @ 12', 1 @ 10', 3 @ 8', 1 @ 6'
- Extension ladders – 1 @ 16', 1 @ 24'

## Fly System

Floor to grid..... 47'-0"  
Maximum pipe height..... 45'-0"  
Minimum pipe height..... 5'-0"  
Number of pickups per lineset..... 5  
Total number of linesets..... 35  
Pipe Size..... 56' long, 1 1/2" Schedule 40  
Arbor capacity..... 1400 lbs  
Arbor length..... 7'  
Stage weights..... Full = 35lbs, Half = 17lbs  
Free weights..... 8000 lbs  
Traveler tracks..... 3 (see lineset schedule for location)

## Lineset Schedule

Lineset	Distance from Proscenium	House Use	Weight	Notes
1	1'-6"	Traveler Track* - Main Drape	6 + 4.5	
2	2'-2"	Border 12' x 52'	2	16'-6" trim
3	2'-6"	Shell* & Legs 26' x 12'	11.5 + 1.5	
4	3'-6"	1st Electric*	13	20'-0" trim
5	4'-6"	Movie Screen	2.5	
6	5'-0"			
7	5'-6"	(Orchestra strip lights)	(2.5)	
8	6'-2"			
9	6'-10"	Legs 23' x 12'	1.5	
10	7'-6"	Border 12' x 52'	2	17'-6" trim
11	8'-0"	Shell*	8.5	
12	9'-2"	2nd Electric*	7.5	21'-0" trim
13	10'-3"			
14	10'-9"			
15	11'-3"	Legs 26' x 12'	1.5	
16	11'-10"	Shell* & Border 12' x 52'	8.5 + 2	17'-6" trim
17	12'-5"	Traveler Track* - Black Traveler	5 + 4	
18	13'-0"			
19	14'-0"	3rd Electric*	7.5	21'-0" trim
20	16'-4"	Legs 23' x 12'	1.5	
21	17'-0"	Border 12' x 52'	2	17'-6" trim
22	17'-8"			
23	18'-4"			
24	19'-0"			
25	19'-8"	4th Electric*	6	21'-0" trim
26	20'-4"			
27	21'-0"	Border 6' x 52' & Legs 23' x 12'	2 + 1.5	17'-0" trim
28	21'-8"	Traveler Track* - Blue Traveler*	5 + 10.5	
29	22'-4"	Scrim	2	
**				
31	23'-7"	5th Electric*	6.5	23'-6" trim
32	24'-4"	Legs 26' x 12'	1.5	
33	25'-0"			
34	25'-8"			
35	26'-4"			
36	27'-7"	Cyclorama* & 4 Legs* 26' x 8'	3.5 + 3	legs are on offstage sides

\*Denotes non-movable equipment. All legs and borders are movable. 4th electric is circuited with multi cables from catwalks. All other cabling runs from grid. Shells are acoustic ceiling shell pieces. Roll-away floor pieces are available for full shell setup.

## Soft Goods

Main Drape.....	Burgundy Velour w/fullness
Midstage Traveler.....	Black Velour w/ fullness
Upstage Traveler.....	Blue Velour w/ fullness
Cyclorama.....	Off white, 56'w x 26'h
Borders.....	Black Velour
Legs.....	Black Velour

## Available ¾" Bottom Pipe (Inventory subject to change)

10' with coupler.....	37
8' with coupler.....	12
5' with coupler.....	8
4' .....	2
3' .....	4
2' .....	5
18".....	4
12".....	3
9".....	4
¾" Couplers.....	56

## Orchestra Pit

Dimensions.....	38'w x 10'h x 6'w at center
Access.....	From dressing room area in basement or elevator from shop area.
Capacity.....	35 musicians
Equipment.....	2 conductor stands 1 podium with rail 30 "Bent wood" chairs 35 music stands 25 stand lights

- Removing pit requires at least 4 crew personnel.

## Pianos

- 9 ½' Grotrian concert grand.
- Yamaha upright.
- Fee for piano use. Call for current pricing.
- Piano tuning done upon request. Call for current pricing.

## Acoustic Shell

- Wenger shell. Call for current pricing.
- Off white.
- 11 roll away sections.
- 3 ceiling linesets.
- Shell setup requires 3 crew personnel.

## **Elevator**

- Located in shop to Basement level (Dressing Rooms, Orchestra, Pit).

## **Projection Booth**

Location.....	Booth at rear of balcony, center.
Throw.....	52' throw to Movie screen.
Movie Screen.....	12'h x 28'w (see rigging schedule)
Screen for rental.....	9'h x 12'w Fast Fold screen w/legs.
Call for availability and current pricing.	
Projector.....	Epson Powerlite Pro Z8050WNL
	ELPLM06 Middle Throw lens
	ELPLW04 Short throw lens

Call for availability and current pricing.

## **Dressing Rooms**

Location.....	Basement under stage
Access.....	Stairs stage right and stage left, Elevator
Dressing Room 1.....	3 mirror lit stations
Dressing Room 2.....	3 mirror lit stations
Dressing Room 3.....	6 mirror lit stations
Dressing Room 4.....	3 mirror lit stations
Dressing Room 5.....	4 mirror lit stations
Dressing Room 6.....	4 mirror lit stations
Dressing Room 7 Prod. Office.....	2 – 6' folding tables and mirror
One Men's Restroom.....	2 showers, 2 stalls, 2 urinals, 2 sinks
One Women's Restroom.....	2 showers, 2 stalls, 2 sinks

- All dressing rooms are equipped with one sink, one full length mirror, wardrobe racks, stools or chairs, and shelves.

## **Wardrobe Equipment – Available for in-house productions only**

- Washer and Dryer in Workshop
- Steamer
- Ironing Board
- Iron
- Portable Mirrors
- Wardrobe racks

## **Greenroom**

- Artist's Entrance.
- Located offstage right on the North side of the building.
- Refrigerator, microwave and sink in room.

# Lighting Control

## Console

- ETC Ion 2000 w/ 1-2x20 & 1-1x20 fader wings, 2-19" DVI touch screen monitors
- 1 – ETC Net 3 Video Interface w/ 2-19" DVI monitors
- 1 – ETC Net 3 Radio Remote Focus
- 1 – ETC Net 3 Four Port Gateway
- 5 – ETC Net 3 Two Port Gateway
- 1 – Doug Fleener DMX1AMX converter
- Console Located in Light Booth House Left, Alternate Position FOH

## House Light Control

- Light Booth House Left and Down Stage Right.

## Dimmers

AMX input located in Light Booth & DSR.

Dimmer racks.....	2 Strand CD-80 AMX
Dimmers.....	180 @ 20 amp
	6 @ 50 amp

## Circuits

1 <sup>st</sup> AP.....	24 circuits, 2 tails each circuit
2 <sup>nd</sup> AP.....	20 circuits, 2 tails each circuit
House Left Cove.....	4 circuits
House Right Cove.....	4 circuits
AP Down.....	4 circuits
Stage Left Box Booms.....	3 circuits, 2 tails each circuit
Stage Right Box Booms.....	3 circuits, 2 tails each circuit
Stage Left Proscenium wall.....	6 circuits
Stage Right Proscenium wall.....	6 circuits
Stage Left Wall Pockets.....	3 circuits @ 20 amp
	1 circuit @ 50 amp
Stage Right Wall Pockets.....	3 circuits @ 20 amp
	1 circuit @ 50 amp
Upstage Wall Pockets.....	16 circuits (duplicate from pit & stage floor)
Stage Floor.....	8 circuits, twist-lock
1 <sup>st</sup> Electric.....	32 circuits
2 <sup>nd</sup> Electric.....	20 circuits
3 <sup>rd</sup> Electric.....	12 circuits
4 <sup>th</sup> Electric.....	cabled from catwalks
5 <sup>th</sup> Electric.....	4 circuits @ 50 amp, 5 - 10amp tails each circuit
Stage Left Catwalk.....	8 circuits
Stage Right Catwalk.....	8 circuits
Orchestra Pit/ Trap room.....	5 circuits
Spot Booth.....	4 circuits

**Instrument Type Count (Inventory subject to change)**

Type	In Stock	Wattage
S4 19°.....	42.....	575
S4 26°.....	72.....	575
S4 36°.....	62.....	575
S4 50°.....	30.....	575
S4 PAR.....	24.....	575
4 Cell Far Cyc.....	5.....	1000
MR 16 Birdie 36° lamp.....	10.....	75
4 color Ground row fixture.....	7.....	500
ETC D60 Luster.....	20.....	

**Accessories (Inventory subject to change)**

GAM TwinSpin II.....	2
ROSCO iPro Image Projector.....	2
Iris for S4.....	2
B size Pattern Holder for S4.....	80
A size Pattern Holder for S4.....	60
B size Glass Pattern Holder for S4....	2
7 ½” Barndoor.....	5
10” Barndoor.....	17
7 ½” Tophat.....	5
18” Sidearm.....	20
Floor plates.....	20

**Stage Pin Cable (Inventory subject to change)**

Twofers.....	32
Threefers.....	10
Fourfers (striplight breakout box) .....	5
5’ Cables.....	30
10’ Cables.....	40
15’ Cables.....	12
20’ Cables.....	18
25’ Cables.....	28
50’ Cables.....	30
100’ Cables.....	12

**4 Circuit Multi Cable – Stage Pin (Inventory subject to change)**

50’ Cables.....	1
75’ Cables.....	2
100’ Cables.....	2
50’ Loomed Cables.....	4
85’ Loomed Cables.....	1



## **Pipes and Bases (Inventory subject to change)**

50 lb Round 1 ½” Boom Base.....	4
80 lb Square 1 ½” Boom Base.....	6
16’ 1 ½” schedule 40 pipe.....	3
12’ 1 ½” schedule 40 pipe.....	6
8’ 1 ½” schedule 40 pipe.....	8
6’ 1 ½” schedule 40 pipe.....	2
5’ 1 ½” schedule 40 pipe.....	5
3’ 1 ½” schedule 40 pipe.....	1

## **Company Power Switch**

- 1 – 400 amp 3-phase w/30’ camlock tails.
- Located in shop by loading door.
- Approximately 50’ of feeder cable need to reach stage right.

## **Follow Spots**

- 2 – Lycian Starklight II 1272
- Located in Center control booth

## **Special Effects**

- 1 – 20” Mirror Ball w/ Motor
- 1 – Le Maitre Radiance Hazer  
Call for availability and current pricing.

## **Lifts & Ladders**

- Cougar Man Lift XLT-CAT 23 (23’-7” Maximum platform height).
  - Scissor lift JLG SkyJack 3219
  - Various heights A frame ladders – 2 @ 12’, 1 @ 10’, 3 @ 8’, 1 @ 6’
  - Extension ladders – 1 @ 16’, 1 @ 24’
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- Light Plot and Lightwright paperwork available upon request.

# Sound System

## Mix Position

- Control Booth, House Right Booth.
- Alternate position available – center orchestra level under balcony  
Row J seats 15 – 18 & Row K seats 16 – 9 (8 seats are required to be removed)  
– call for current pricing.

## Console

- Midas Pro 2 - 56 mic/line inputs, 8 aux returns, 27 mix buses, 8 VCA groups and 6 Population groups

## I/O

- Midas DL451 – 24 inputs and 24 outputs
- Midas DL251 – 48 mic/line inputs and 16 analog XLR outputs

## Speakers

All speakers powered with BGW Amps

Left Main..... JBL SR4735A

Right Main..... JBL SR4735A

Center Main..... 1 @ SR4735A, 1 JBL SR4718A Sub

Front Fills..... 4 @ EAW JF60z

## Monitors – 6 Monitor Mixes

JBL MR805..... 2

EV FM12-2A..... 2

PEAVEY 112HS..... 2

MACKIE SRM150 .....2

## Signal Processing

- Effects and EQ are handled by the Midas Pro2
- Soundweb processing

## Playback Devices

- Denon CD/Tape Player
- Denon CD Player

## Microphones

• AKG C414 XLS.....2

• AKG C535 EB.....4

• Shure SM81-LC.....4

• Shure SM57.....8

• Shure SM58.....7

- Shure Beta 58.....1
- Crown PCC 160.....3
- Audio Technica PRO 45.....3
- Seinheiser 421.....1
- Shure 55SH Switch Mic.....1

**Program/Page**

- Page mic locations; DSL, DSR, Light Booth
- In Box office, Green room, lobby, booths, dressing rooms.

**DI's**

- Radial JDI Duplex Passive Stereo.....2
- Radial J48 Active.....2
- Radial JDI Passive.....2
- Radial Pro D2 Stereo.....2

**Mic Stands**

- Tall Tripods..... 8
- Short Tripods..... 4 + 1 with boom arm
- Straight Round Base..... 8

**Wireless Receivers, Microphones, and Transmitters**

- Call for availability and current pricing.
- Shure ULXP4 wireless Receiver..... 8
- Shure ULX2 Handheld Beta87a..... 4
- Shure ULX1 Beltpack.....8
- Shure WL183 Lavalier Microphone..... 1
- Shure WL185 Lavalier Microphone..... 4
- DPA 4066-F Headset miniature Microphone..... 2
- DPA 4061-F miniature Microphone..... 8

**Intercom**

- RTS system with capability of 30 stations
- 2 permanent stations
- 10 belt packs
- 3 Call light flashers
- Plugin jacks located throughout theatre

# Norris Theatre Seating Chart

