



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"
Stage Width:	
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 ½" 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 st AP.....	24 circuits, 2 tails each circuit
2 nd 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 st Electric.....	32 circuits
2 nd Electric.....	20 circuits
3 rd Electric.....	12 circuits
4 th Electric.....	cabled from catwalks
5 th 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 SRM1502

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

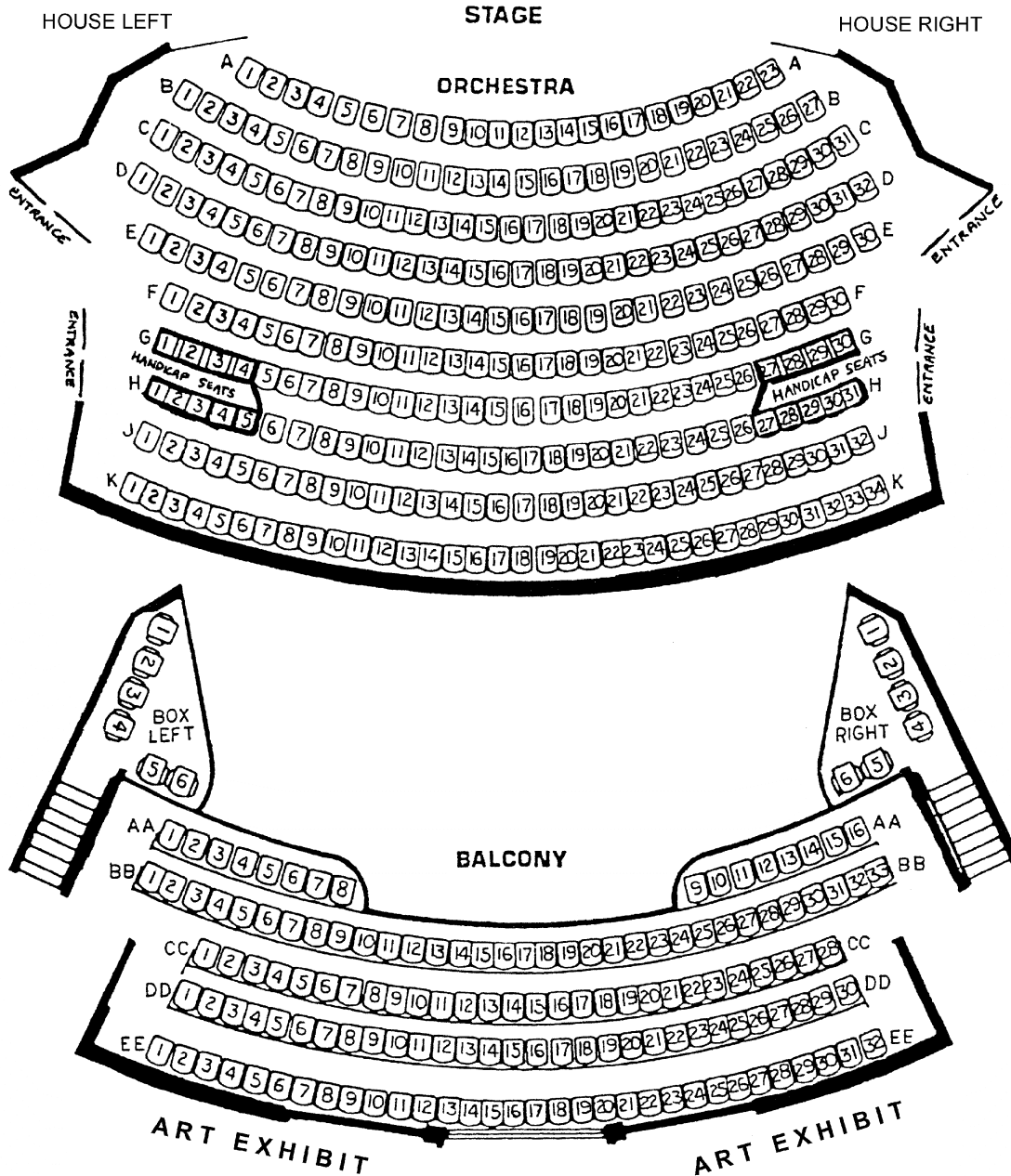
Wireless Receivers, Microphones, and Transmitters

- 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



Directions

How to get to the Norris Center

- The Norris Theatre is located in the heart of the Palos Verdes Peninsula, just southwest of Los Angeles. We're only 5 minutes from Torrance, 12 minutes from Redondo Beach and 18 minutes from Manhattan Beach. There is plenty of free parking adjacent to the theatre. If you need more specific directions than are available here, please call the theatre at (310) 544-0403..

Directions from Palos Verdes

- Take Hawthorne Boulevard to Indian Peak Road. Take Indian Peak Road to Norris Center Drive, and turn left. Take an immediate right into the parking lot.

Directions from South Bay Cities

- Take PCH South to Hawthorne Boulevard; turn right. Take Hawthorne up the hill to Indian Peak Road; turn left. Take Indian Peak Road to Norris Center Drive, and turn left. Take an immediate right into the parking lot.

Directions from San Pedro/Long Beach

- Travel west on PCH or Palos Verdes Drive North. Turn left on Crenshaw Boulevard. Towards the top of the hill, turn right on Indian Peak Road. The second light will be Norris Center Drive; turn right. Take an immediate right into the parking lot.

Directions from Santa Monica/West LA

- Take the 405 South to Hawthorne Boulevard and turn right (south). Take Hawthorne 8.3 miles to Indian Peak Road; turn left. Take Indian Peak Road to Norris Center Drive, and turn left. Take an immediate right into the parking lot.

Directions from Hollywood/downtown Los Angeles

- Take the 110 South towards San Pedro. Get off at the PCH exit; take PCH West (North) to Crenshaw Boulevard; turn left. Towards the top of the hill, turn right on Indian Peak Road. The second light will be Norris Center Drive; turn right. Take an immediate right into the parking lot.

Directions from Orange County/San Diego

- Take the 405 North to the 110 South (towards San Pedro). Get off at the PCH exit; take PCH West (North) to Crenshaw Boulevard; turn left. Towards the top of the hill, turn right on Indian Peak Road. The second light will be Norris Center Drive; turn right. Take an immediate right into the parking lot.

Area Information

Hotels

- Palos Verdes Inn
1700 South Pacific Coast Hwy
Redondo Beach, CA 90277
(310) 316-4211
- Torrance Marriott
3635 Fashion Way
Torrance, CA 90503
(310) 316-3636
- Hilton Torrance/South Bay
21333 Hawthorne Blvd
Torrance, CA 90503
(310) 540-0500

Restaurants

- The Red Onion
736 Silver Spur Road
Rolling Hills Estates, CA 90274
(310) 377-5660
- Georgio's
672 Silver Spur Road
Rolling Hills Estates, CA 90274
(310) 265-9970
- The Appetizer
700 Deep Valley Drive
Rolling Hills Estates, CA 90274
(310) 541-1411
- In the Avenue located between Silver Spur and Indian Peak Roads :
Peninsula Grill, Rubio's Baja Grill, Ruby's, Red Brick Pizza, Marmalade Café,
Frascati Ristoranti, Starbucks, and more
- In Peninsula Center located on Hawthorne Blvd between Indian Peak and Silver Spur:
Jamba Juice, Starbucks, Subway, La Salsa, Fu Yuan Low, Burger King, Inaka's,
and more

Taxis

- South Bay Yellow Cab
(800) 924-8294
- Palos Verdes Cab
(310) 545-4510
- Yellow Cab
(310) 541-6367

Hospitals

- Torrance Memorial Medical Center (has 24 hour Emergency Room)
3330 W Lomita Blvd
Torrance, CA
(310) 325-9110
- PV Family and Immediate Medical Care Center
26516 Crenshaw Blvd
Palos Verdes, CA 90274
(310) 541-7911
- Little Company of Mary
4101 Torrance Blvd
Torrance, CA 90503
(310) 540-7676
- Kaiser Permanente Medical Care (has 24 hour Emergency Room)
25825 S Vermont Ave
Harbor City, CA 90710
(800) 780-1230

Laundromats and Dry Cleaners

- Courtesy Cleaners
627 Silver Spur Road
Rolling Hills Estates, CA 90274
(310) 541-7081
- Deep Valley Cleaners
702 Deep Valley Drive
Rolling Hills Estates, CA 90274
(310) 544-9678
- Elegance Cleaners
660 Silver Spur Road
Rolling Hills Estates, CA 90274
(310) 541-3299
- 18 Minute Wash
730 S. Pacific Coast Highway
Redondo Beach, CA 90277
(310) 540-4846

Gyms

- Spectrum Athletic Club
51 Peninsula Center #51D
Rolling Hills Estates, CA 90275
(310) 541-2582
- Equinox Fitness Club
550 Deep Valley Drive
Rolling Hills Estates, CA 90274
(310)697-1016

Grocery Stores

- Pavilions
7 Peninsula Center
Rolling Hills Estates, CA 90274
(310) 377-1994
- Bristol Farms
837 Silver Spur Road
Rolling Hills Estates, CA 90274
(310) 541-9157
- Ralphs
30019 Hawthorne Blvd
Rancho Palos Verdes, CA 90275
(310) 377-6941
- Whole Foods Market
2655 Pacific Coast Highway
Torrance, CA 90505
(310) 257-8700
- Trader Joe's
1751 S Elena Avenue
Redondo Beach, CA 90277
(310) 316-1745

Banks

- Bank Of America
27411 Hawthorne Blvd
Rolling Hills Estates, CA 90274
(310) 884-1870
- Wells Fargo Bank
27440 Hawthorne Blvd
Rolling Hills Estates, CA 90274
(310) 377-5514
- Chase
27319 Hawthorne Blvd
Rolling Hills Estates, CA 90274
(310) 541-3250
- Citibank
935 Silver Spur Road
Rolling Hills Estates, CA 90274
(800) 627-3999