

REDONDO BEACH PERFORMING ARTS CENTER

TECHNICAL INFORMATION

FACILITY ADDRESS / LOCATION

1935 Manhattan Beach Blvd., Redondo Beach, CA 90278

Northeast corner, intersection of Aviation and Manhattan Beach Blvds. Take 405 Fwy to Inglewood Ave. exit. Inglewood Ave. (south) to Manhattan Beach Blvd. (west). Enter second driveway west of Doolittle Drive.

ADMINISTRATION / BOOKING

Visits/tours by appointment only. Offices are located adjacent to Main Lobby.

Administrative Office: (310) 318-0644

TECHNICAL SERVICES

Visits/consultations by appointment only. Technical Office is located at rear of facility. Use loading dock entrance.

Technical Office: (310) 318-0643

SEATING CAPACITY

1,453 (includes 8 wheelchair spaces; additional seats may be removed to provide additional wheelchair spaces, but will reduce overall capacity – 3 regular seats = 2 wheelchair spaces).

ADA ACCOMMODATIONS

All public spaces, backstage, three dressing rooms, loading dock area.

Assistive Listening Device (ALD) System available.

All life/safety systems (horns, strobes).

All tactile signage (Braille).

MAIN LOBBY

West side of facility.

3 sets double doors (Public Entry)

Approx. 3,600 sq. ft., cylindrical, 20' ceiling. Indoor concessions, merchandise stands.

Ice machine, beverage refrigerators, cash drawers.

Restrooms adjacent.

Small "smoking" patio adjacent.

Max. capacity (standing) 523.

GALLERY LOBBY / COURTYARD PATIO

East side of facility.

Approx. 1,000 sq. ft., equipped with art gallery hanging system for displays.

Small restrooms adjacent.

Opens (3 sets double doors) to large Courtyard Patio (approx. 3,000 sq. ft.) with outdoor concessions stand.

PARKING

Onsite: 400 spaces (includes 13 spaces for disabled).

Adjacent property: 1,000 spaces available nights (after 5:00 PM) and weekends (all day/night).

All parking is free of charge, but parking services fee (attendants) may be charged for larger events.

BOX OFFICE

West side, adjacent to Main Lobby entrance.

3 windows, cash drawers, electronic communications.

Telephone lines, drop safe available.

ALL BOX OFFICE OPERATIONS ARE CLIENT'S RESPONSIBILITY.

MARKETING / ADVERTISING

Lobby display cases (4): 44"h x 32"w, illuminated

Marquee Signs:

- Full-color LED Electronic Display (6'-10" x 14'; 96 pixels (h) x 208 pixels (w))
- Changeable-letter Sign: 3 text lines, 6'10"h x 36'length

Website: <http://www.rbpac.com>

Event Line: (310) 937-6607

STAGE

Proscenium Opening:

50'-6" wide at base

46'-6" wide at top

22'-0" high

18" thick reveal (concrete)

Locking Rail: SR

SL wall to Locking Rail (SR): Approx. 99'

Plaster Line to US wall: 37'-2"

Main Curtain to US wall: 34'-0"

Main Curtain to Plaster: 3'-6"

Apron extends 3'-0" DS of Proscenium face

Orchestra Pit (can be covered). Capacity: 25

(Note: With cover installed, stage extends 14' DS of apron at DSC)

LOAD-IN

Loading dock (north side of building): 48" high w/dock leveler (\pm 6")

Exterior loading door (to scene shop): 12'-0"h x 10'-0" wide

Interior loading door (to stage): 19'-6" h x 17'-6" clear opening

SCENERY SHOP

Working area: Approx. 25' x 55' x 19'-6" high (Contact Technical Director for tool inventory/availability).

RIGGING

Counterweight arbor tee-guide Fly System by SECOA

40 linesets (includes 5 dedicated Electrics)

Max. Lineset capacity: 1,800 lbs.

System capacity: No more than 2/3 linesets full, or all linesets no more than 2/3 full

Batten length: 63'-0"

Locking Rail: Stage Right

Loading Bridge: Above locking rail

Gridiron: 52'-8" above stage floor (to walking surface)

Lineset #1 to Lineset #40: 28'-7"

Dead-hung pipes (63' in length, 24' above stage floor):

"A" pipe at 6" US of Plaster,

"B" pipe at 18" US of Plaster.

SOFT GOODS

Main Drape: Red velour, 100% full/lined
Valance: Red velour, 100% full/lined, 8'-0" high
Mid-stage Black Traveler: 50% full, 60' x 26' closed
Up-stage Black Traveler: 50% full, 60' x 26' closed
Black legs (5 sets): Flat (can be tied in fullness), 12' x 26'
Black teasers (5 sets): Flat, 8' x 63'
Black sharkstooth scrim: 26' x 63'
Cyclorama: Gerriets Procyc, White Vinyl, 29' x 60', rear projectable

PORTABLE STAGING

Wenger PortaMaster Orchestra Risers (4' x 8')
4 heights available (5 each height): 8", 16", 24", 32"
Accessories: Step unit, safety rails, chair rails

LADDERS

4', 6', 8', 12' Fiberglass heavy duty
Genie AWP-24 electric personnel lift

DRESSING ROOMS

(3) Principal (star) with private showers/restrooms, ADA accessible
(1) with 5 make-up stations/mirrors
(2) with 4 make-up stations/mirrors
(2) Chorus w/single restroom/shower each
(18) make-up stations/mirrors each
All located off Stage Left, all with audio feed from stage

GREEN ROOM

Located adjacent to Principal Dressing Rooms, includes refrigerator, sink, microwave, soft drink vending machine, video/audio feed from stage

COSTUME ROOM

10' x 18', located adjacent to Principal Dressing Rooms, unequipped space can be used for other purposes.

TABLES / CHAIRS

(12) – 60" Round – Grey plastic topped
(12) – 6' Rectangular – Grey plastic topped
(12) – 8' Rectangular – Grey plastic topped
(100) Black plastic folding chairs
(30) Wenger Orchestra Chairs, Black Padded

OTHER EQUIPMENT

Lectern: Walnut Presidential w/light & gooseneck mics
Music Stands: 25 Manhasset, w/lights, 1 Director Stand
(30) Wenger black orchestra chairs (for musicians' use only)
Piano: Falcone 6'-1" baby grand, black finish
Flags: U.S., California presentational set w/stands
Expendables: Inquire

Redondo Beach Performing Arts Center Audio Equipment & Information

FOH/ CONTROL



	120	Channel Input Control
	60	Mix Buses
	24	Matrices
Dante I/O	144	HY144-D-SRC Audio Interface Card
Local Inputs	8	Analog
	4	AES/EB
Local Output	8	Analog
	4	AES/EBU

(Note: PM7 is running system software version 3.0.5)

STAGE/ INPUT ROUTING

Redundant Dante Digital Audio Network with OM1 MM Fiber Optic back-bone
Fiber Network Nodes available at:

- FOH, House Center Aisle, DSL (Central Star point), DSR, USR, , Loading Dock
(Fiber patch ports at nodes are female SC connectors)
(Yamaha R-Series interfaces are running firmware v4.10. They are controlled via R-Remote software unless other compatible console is used.)

SL I/O Rack (8' Above Deck. Connected to panel at deck level.):

- 1 Yamaha Rio3224-D (2 analog outputs dedicated to drive QSC GP218 Subs)
- 2 Yamaha Ri8-D
- 1 Primary Cisco SG300-10SFP w/ 2 MGBSX1 and 1 MGBT1 SFP modules in use
- 1 Secondary Cisco SG300-10SFP w/ 2 MGBSX1 and 1 MGBT1 SFP modules in use
(4 Open SFP slots available in each switch.)

SL Deck Panel Connected to SL I/O Rack:

- 48 Analog Inputs
- 8 Analog Outputs

SR I/O Rack (8' Above Deck. Connected to panel at deck level.):

- 1 Yamaha Ri8-D
- 1 Primary Cisco SG300-10 w/ 2 MGBSX1 modules in use
- 1 Secondary Cisco SG300-10SFP w/ 2 MGBSX1 modules in use

SR Deck Panel Connected to SL I/O Rack:

- 8 Analog Inputs

Portable I/O Rack:

- 1 Yamaha Rio3224-D
- 1 Yamaha Ri8-D
- 1 Primary Cisco SG300-10 with 1 MGBSX1 SFP modules in use
- 1 Secondary Cisco SG300-10 with 1 MGBSX1 SFP modules in use
- 1 Telecast 50' Tactical Optical fiber (SC-SC) for connection

FOH:

- 4 Yamaha Nio500-A16 Dante Interface Analog 16 Line In/16 Line Out
- 1 Primary Cisco SG300-10 with 2 MGBSX1 SFP modules (1 in use)
- 1 Secondary Cisco SG300-10 with 2 MGBSX1 SFP modules (1 in use)

Portable Dante Switch Node Rack:

- 1 Primary Cisco SG300-10 with 2 MGBSX1 SFP modules
- 1 Secondary Cisco SG300-10 with 2 MGBSX1 SFP modules

Copper Analog XLR Balanced lines:

<u>Stage Left</u>	<u>2</u>	<u>inputs</u>
<u>Stage Right</u>	<u>6</u>	<u>inputs</u>
<u>DSR Floor Pocket</u>	<u>4</u>	<u>inputs</u>
<u>DSC Floor Pocket</u>	<u>4</u>	<u>inputs</u>
<u>DSL Floor Pocket</u>	<u>4</u>	<u>inputs</u>

DRIVE / DISTRIBUTION SYSTEM

1	BSS Soundweb (Green Series) digital audio distribution network
4	BSS Soundweb 9088ii DSP Analog I/O units
1	BSS Soundweb 9010 "Jellyfish" Lobby controller

AMPLIFIERS

Main Speaker Systems (Left,Center,Right,Delay,Subs):

8	QSC PL4
5	QSC PL2

Front-Fill:

1	QSC CX404
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Foldback (8 channels, passive):

2	QSC CX404
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Backstage & Lobby System (70v):

2	QSC CX204v
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Nearfield LCR (FOH):

1	QSC CX254
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SPEAKER SYSTEMS

Center Cluster:

3	Renkus-Heinz CT7m-44a mid/hi
2	Renkus-Heinz CT9lo (mid-bass)
4	Renkus-Heinz CT9lo (subs)
2	Renkus-Heinz Ct5m-44a mid/hi (down-fill)

Left & Right Clusters:

2ea	Renkus-Heinz CT7215-44a Full range (Passive)
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Front Fills:

6	Renkus-Heinz TRC-61
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Rear Delay:

5	Renkus-Heinz Trap Jr.
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Subwoofers:

2	QSC GP-218-SW (dual 18") (Under stage apron HL and HR)
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Floor Monitors:

	(All stand mountable)
4	Renkus-Heinz TRX151 (2-way, passive)
2	Yamaha SM12-IV (2-way, passive)
2	Yamaha SM15-IV (2-way, passive)
7	Galaxy Hotspot personal monitors

SIGNAL PROCESSING & OUTBOARD EQUIPMENT

EQ:

3	BSS FCS960 Stereo Graphic EQ
2	Klark-Teknik DN 410 Stereo Parametric EQ
2	Sabine FBX 2020 Stereo Feedback Eliminators

Dynamics:

1	BSS DPR901 Dynamic EQ
1	BSS DPR404 Four channel Comp/Lim.
2	DBX 166 comp/ Lim.

Effects:

1	Lexicon MPX1 multi-effects processor
1	Yamaha SPX 990 multi-effects processor

Playback/ Recording:

1	Tascam CD-500B CD player (slot loading)
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WIRELESS MICROPHONES

(NOTE: TV channels 14,15,16, and 20 are licensed for PUBLIC SAFETY and are not available for use)

4	Shure UR4D-G1 Wireless receivers
4	Shure UR2-G1 handheld transmitters
4	Shure UR1-G1 Wireless beltpack transmitters
4	Shure SM58 capsules (for UR2 transmitters)
2	Shure Beta-58 capsules (for UR2 transmitters)
2	Shure Beta-87 capsules (for UR2 transmitters)
3	Countryman B3 Lavalier Microphones (BLACK) (Deposit Required)
2	Countryman B3 Lavalier Microphones (TAN) (Deposit Required)
4	Sennheiser ME-104 Lavalier Microphones (BLACK) (Deposit Required)

WIRED MICROPHONES & DI's

1	Shure Beta 52a
10	Shure SM57
6	Shure SM58
1	Shure SM58S
6	Shure Beta58
2	Shure Beta87A
1	Shure Beta91A
4	Shure Beta98 (w/ inst. & drum mount)
2	Shure KSM44
1	AKG D112
8	AKG SE300B with CK91 capsules (also have 4 CK93 capsules)
4	CK93 capsule (for above AKG SE300 body)
2	AKG 451 (W/ CK1 & CK3 capsules)
4	Sennheiser MD421
2	Sennheiser e609
2	Audix 18" Lectern Mics
5	Crown PCC160 floor mic
2	BSS AR133 active DI
5	Whirlwind Director passive DI
3	Whirlwind Direct2 stereo passive DI
4	Whirlwind PCDI stereo passive DI

MIC STANDS *(all mic stands and booms are CHROME unless otherwise stated)*

15	Atlas MS12 round base
2	Atlas MS12 (BLACK) round base
9	Atlas MS8 round base
9	Atlas MS25 triangle base
2	Atlas round base kick drum mic stand
2	Kimo round base table top stand
13	Atlas PB11 telescoping boom (11"-21")
2	Atlas telescoping boom (18"-31")
4	Atlas PB21 telescoping boom (21"-35")
2	Atlas BB28 straight boom (28")

Redondo Beach Performing Arts Center Lighting Information

On Stage Console:	ETC GIO
Features:	ETCnet3, 40-fader Subwing, (2) Elo Touchscreen Monitors, 2 x 2-Port Gateways, Keyboard, Mouse
Backup:	Strand 301 (DSL wall)
Dimming:	EDI Mark VII (270 – 2.4kw)
Circuits:	270 – 20 amp (Dimmer per Circuit)
DMX Distribution:	Stage, Dimmers, Ante-proscenium Position
Distribution:	(Note: All receptacles are SP-G, unless otherwise noted)

FOH

Ante-Proscenium Position (1 Beam)	36 – Circuits
House Left Box Boom	6 – Circuits
House Right Box Boom	6 – Circuits
House Left Soffit Pipe	4 – Circuits
House Right Soffit Pipe	4 – Circuits
Ceiling Hatch over Orchestra Pit (2 X 6-circuit Socapex receptacles)	12 – Circuits

Above Stage

Electric #1	24 – Circuits
Electric #2	18 – Circuits
Electric #3	18 – Circuits
Electric #4	18 – Circuits
Electric #5	18 – Circuits

Stage Wall Pockets

USL (+15")	6 – Circuits
USC (+15")	6 – Circuits
USR (+15")	6 – Circuits
DSL (+15")	6 – Circuits
DSR (+15")	6 – Circuits

Proscenium Wall (+24')

Stage Left (Socapex)	6 – Circuits
Stage Right (Socapex)	6 – Circuits

Loading Bridge

S.R., above Locking Rail (6 X 6-circuit Socapex receptacles)	36 – Circuits
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Floor Pockets

24 – Circuits

Orchestra Pit

4 – Circuits

Fixture Inventory

ETC Source 4 – 19°	71
ETC Source 4 – 26°	76
ETC Source 4 – 36°	33
Spare Lens Tubes for above:	
10 °	4
14 °	2
19 °	10
26°	4
36°	11
50°	6
ETC ColorSource PAR (Deep Blue)	20
Altman 8" Fresnel	30
Altman Sky Cyc (3-cell)	10

Moving Lights

Martin MAC Aura XB	8
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Followspots

Lycian Stark Lite II – 1200 watt HMI	2
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