

La Mirada Theatre for the Performing Arts

TECHNICAL SPECIFICATIONS*

STAGE DIMENSIONS

Proscenium Arch 46' wide x 26' high
 Performing Area 40' wide x 28' deep behind Main Curtain
 Main Curtain clearance to:

Apron edge	6'6"
Mid-Black	14'6"
Black Traveler	26'9"
Last available pipe	32'6"
Cyc Drop	33'0"
Back wall	38'8"

Loading Door 14'x14' stage level, up left
 Secured Loading Dock area 30'x30'
 Orchestra Pit capacity - 35 Musicians
 Stage height to covered pit: 36 1/2 "

SOUND

Mixing Console

Soundcraft Series Five (pos). 56 inputs (48 mono, 4 Stereo)
 Positioned at the Rear of the House on the Orchestra Level

Microphones

2- AKG D112	2- Electro-Voice RE 16
6- AKG 391B	4- Sennheiser 421
2- Audix I5 mics	5- Sennheiser MD 504
4- Audix D2 mics with vice mount	1- Shure 565 SD
1- Barcus-Berry Piano Pickup/Preamp	6- Shure SM 57
8- CAD cm100 hanging choral mics	8- Shure SM 58
3- Countryman Isomax DBM floor mics	2- Shure SM 58 switch mics
5- Crown PCC 160	6- Shure SM 81
3- Crown PZM 6 S	2- Shure Microflex Podium Mics
1- Electro-Voice RE 35	
18- Sabine SWM-7000 wireless system, 18-belt packs, 8-handhelds	

Wireless system features Countryman B6 & E6 Mics, Handhelds feature Audix OM5 Capsules
(18 total wireless units may be used at the same time)

Direct Boxes

2- Horizon (passive)
 6- Whirlwind Director (passive)
 Various mic stands, booms, cable, adapters .etc.

Playback and Recording Equipment

1- Alesis MasterLink High-Resolution CD Recorder
 1- Dell Notebook with SFX theatre playback software
 1- Denon D4000 Dual DJ CD player (mp3 compatible)
 1- M-Audio FW410 Audio Interface (4 in, 8 out - analog)
 1- Marantz PMD 520 cassette deck
 1- Tascam MD-350 Minidisc Player / Recorder

Signal Processors

3- Ashley PQX 572 stereo parametric equalizers
 3- Ashley 3102 stereo graphic equalizers
 2- dbx 166A compressor/limiter
 1- dbx DDP (digital dynamics processor)
 4- dbx DriveRack PA
 2- Drawmer DS-404 4 channel gate
 1- PreSonus ACP88 8 channel compressor
 1- TC Electronic M1-XL
 1- TC Electronic M-3000
 1- Yamaha SPX 990

House Speaker System

Main Floor Left Array: 6- JBL 4888
 1- JBL 4882
 Main Floor Right Array: 6- JBL 4888
 1- JBL 4882
 Center Cluster Array: 4- JBL 4887
 Front Fill: 4- JBL Marquis M28
 Under Balcony: 4- Apogee AE 2
 Surround System Array: 4- EAW JF 200

House speakers processed with Crown iTech & Apogee Processors
 Yamaha YDG 2030 and Ashley Protea System provide EQ and delay for house system.

Mains and Subs powered by Crown I-T4000, I-T6000, & I-T8000 amplifiers.

Stage monitors and Amplifiers

6- PAS P100 monitors
 4- PAS SW-1 monitors
 2- PAS VM-1 monitors
 2- Ramsa WSA-200 speakers
 3- TOA SM-25 powered speakers
 4- JBL Control 1 speakers
 2- Yamaha 2112H monitors
 2- Yamaha PC 2002 amplifier (240 watts)
 3- Yamaha PC 1002 amplifier (100 watts)

Mic Lines

116 XLR mic lines, with 12 return lines to stage.

Communications

Clear Com SB-440 4 channel system to all stage and house positions.
 Monitors and paging system to all off stage areas.
 HME Wireless Comm. (3 available for client use)
 Sennheiser Infra-Red system for the hearing impaired, with 24 headsets.

Video

Panasonic CP-414 camera providing a front of house stage view to monitors in the lobby and greenroom areas.

RIGGING

44 Counter-weighted Line Sets w/56' long 1 1/2" o.d. pipes
 58 feet from stage floor to under side of grid; Batons Grid at 55 feet
 34 Available Line Sets, 900 lb. max. arbors
 21 Available Line Sets—without moving soft legs, borders and black drop.
 Fly Rail stage right, Grid loading bridge, Mid-range w/ pin rail.
 Grid access down stage left and up stage right
 Main Curtain, Guillotine style, manual Line 1 (permanent)
 1 Black Curtain, 28' U.S. of plaster line Line 36
 1 Black Curtain, 15'9" U.S. of plaster line Line 21
 5 Sets Soft Black Legs, 16' x 30' Lines 12, 19, 24, 31, 38.
 1 Sets Soft Black Legs, 16' x 40' Line 3
 (5'0" pipe extensions available for Leg batons)
 4 Soft Black Borders, 14' x 56' Lines 2, 11, 26, 37.
 Opera Pro Cyc, white, 58' x 32' Line 43 (permanent)
 Front projection screen, 20' x 20' Line 10
 (60'0" throw from balcony rail to screen when on line set 10)

DRESSING ROOMS

8 total, w 28 mirrors and close backstage access
 #1 and #2 Lead w/2 mirrors each and private water closet each
 #3 through # 8 Chorus, 4 mirrors each, 1 sink for 8 mirrors
 One shower in each of backstage restrooms.
 Pipe & Drape available for Quick Change Booths.
 Green Room off stage down right.

LIGHTING

Rear of House Control-ETC Insight3
 192 2.4 kw Strand CD-80 Dimmers, DMX 512
 2 ETC Rolling Dimmer Racks: 12x2.4kw
 Dimmer per circuit, all circuits 20 amp
All Circuits, Instruments, and cable 3-pin New Style Twist (spur in)
Disconnects Stage Left
 1 @ 600 amp, 3 phase, 4 wire, 120 / 208 Y(Rolling Racks)
 1 @ 400 amp, 3 phase, 4 wire, 120 / 208 Y

Lighting Instrument's and Equipment

Additional Instruments

3-	10 degree ETC Source Fours	575w, w/pattern/iris slot
25-	19 degree ETC Source Fours	575w, w/pattern/iris slot
15-	26 degree ETC Source Fours	575w, w/pattern/iris slot
10-	36 degree ETC Source Fours	575w, w/pattern/iris slot
40-	ETC Parnels	575w
50-	6x9 Altman 360Q Ellipsoidals	575w, w/pattern slot
15-	6x12 Altman 360Q Ellipsoidals	575w, w/pattern slot
50-	6x16 Altman 360Q Ellipsoidals	575w, w/pattern slot
4-	6x22 Altman 360Q Ellipsoidals	575w, w/ pattern slot
10-	PAR 64 (VNSP,NSP,MFL,WFL) 1kw	
7-	Kliegl 3 Color Cyc Lights	1- 1kw lamp/color
8-	56" Altman Ground Cys	2 - 1kw lamps/color

Additional Equipment

4- Lycian #1209 Midget HP Followspots, HMI/SE 575w lamp
 20- Forerunner Colorscrollers, 16frames
 8- 12'-0" Booms w/ bases
 2- 4' to 7'-0" Adjustable Booms
 20- Side Arms & Misc. Sliding T's
 4- 5'-0", 4 Rung Ladders
 2- 3'-0", 3 Rung Ladders
 20- 6" Barndoors
 12- 8" Barndoors
 20- 6" Top Hats
 2- 50' 6 Circuit Multi Cables
 3- 100' 6 Circuit Socapex with Fan-in's & Fan-outs
 3- 75' 6 Circuit Socapex w/break-in's & outs
 Cables: 50 @ 5', 60 @ 10', 70 @ 25', 30 @ 50', and 70 2-fers.
 5- 4/0 Camlock tails for power tie ins (reverse neutral/grounds)

ADDITIONAL SERVICES

Personnel is billed to the Attraction at cost Plus 50% overhead. Consult Theatre Technical Director for estimate. Pianos for stage use tuned at Attraction's request and expense or a user fee will be incurred. Attractions will be charged lighting instrument lamp use fee on a prorated formula. Expendables i.e.: gel, tape, duvetyne, batteries and hardware are available on a limited basis at cost. Except for damage and wireless mic usage, there are no other additional charges for the use of the rest of the above listed equipment. For most current hang plots and house plots consult theatre technical director.

FOR ADDITIONAL INFORMATION

Jeff Brown, Theatre Executive Director

David Cruise, Technical Director
 La Mirada Theatre for the Performing Arts
 14900 La Mirada Blvd., La Mirada, CA 90638
 Telephone (714) 994-6150 FAX (714) 994-5796

* Last updated 02/02/06