

La Mirada Theatre for the Performing Arts

TECHNICAL SPECIFICATIONS FALL 2015

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"
US Black	26'9"
Last available pipe	32'6"
Cyc	33'0"
Back wall	38'8"

Loading Door 14'x14' stage level, offstage left
 Secured Loading Dock area 30'x30'
 Orchestra level at -36 1/2" stage level
 Stage Entrances @ USL, USR, and DSL, stage @ street level
 FOH interior access only on SR/House left side of building
 Loading Ramp offstage left (Wendy's side of building)

SOUND

Mixing Console

DiGiCo SD8 @ 96k (60 stereo channels), Center Rear on Orchestra Level
 I/O: 64 analog XLR inputs & 32 analog output @ FOH SD rack
 8 AES inputs & 8 AES outputs @ console
 32 analog XLR inputs & 8 analog outputs @ mobile D-rack (normally DSL)

Microphones

2- AKG D112	4- Sennheiser 421
5- AKG 391B	5- Sennheiser MD 504
2- Audix I5 mics	1 - Shure Beta 52
3- Audix D2 mics with vice mount	1 - Shure Beta 91
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	5- Shure SM 81
3- Crown PZM 6 S	2- Shure Microflex Podium Mics

Various passive DI's
 28- Shure ULXD wireless (L50), 24 belt packs, 6 handhelds (SM58 capsules)
 6- Sabine SWM-7000 wireless, 6 handhelds (Audix OM5 capsules)
 Various mic stands, booms, cable, adapters, etc.

Playback and Recording Equipment

MacBook Pro with QLab (RME HDSPe MADiface, 28 channels @ 96k)
 Denon D4000 Dual DJ CD player (mp3 compatible)
 Tascam MD-350 Minidisc Player / Recorder

House Speaker System

Main Floor L/R array each:	6- JBL 4888; 1- JBL 4882
Center Cluster Array:	4- JBL 4887
Front Fill:	4- JBL Marquis MS26 (6 if no house stairs)
Under Balcony:	4- Apogee AE 2
Surround System Array:	4- EAW JF 200

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

Stage monitors and Amplifiers

5- PAS P100 monitors
 4- PAS SW-1 monitors
 1- PAS VM-1 monitors
 6- JBL SRX712M monitors
 4- QSC K8 active speakers (Hanging monitors in house plot)
 4- PRX 612M active speakers (DS & US corners in house plot)
 3- TOA SM-25 powered speakers
 4- JBL Control 1 speakers
 5- Galaxy Hotspot PA6S
 Rolling Amp Rack: 4 x Crown XT1 4002

Communications

Clear Com SB-440 4 channel system to key stage and house positions.
 Monitors and paging system to offstage areas.
 HME Wireless Comm. (3 available for client use)
 HEAR Technologies Hearing Assist System with 24 headsets

RIGGING/DECK

43 Counter-weighted Line Sets w/56' long 1 1/2" o.d. pipes
 59 feet from stage floor to underside of grid; Batons Grid at 55 feet
 37 Available Line Sets, 848 lb. max. arbors (24 free after house plot)
 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)
 Black Curtains, 15'9" & 28' U.S. of plaster line Line 21+36
 5 Sets Soft Black Legs, 16' x 30' Lines 12, 19, 24, 31, 38.
 1 Sets Soft Black Legs, 16' x 40' Line 3
 4 Soft Black Borders, 14' x 56' Lines 2, 11, 26, 37.
 Opera Pro Cyc, white, 58' x 32' Line 43 (permanent)
 4 Electric Raceways Lines 7, 17, 27, 40
 Front projection screen, 20' x 20' Line 10
 (60'0" throw from balcony rail to screen when on line set 10)
 16 - Wenger Versalite 4'x8' Risers w/ 8", 16" or 24" legs
 4 - Wenger Versalite 4'x4' Risers w/ 8", 16" or 24" legs

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 on a limited basis for Quick Change Booths.
 Green Room off stage down right.

LIGHTING

ETC Ion w/ 3 2x20 fader wings
 362 2.4kw ETC dimmers (with house lights)
Circuits and instruments wired L5-20 twist
Company Disconnects Downstage Left
 1 @ 600 amp, 2 @ 400 amp (1 for sound)
Lighting Instrument's and Equipment
Conventional Fixtures – All ETC fixtures at 575w
(Some positions have dedicated instruments):
 5- 10* degree ETC Source Four
 10 - 14* degree ETC Source Four
 74- 19* degree ETC Source Four (30 Catwalk, 24 BB, 14 Balc)
 35- 26* degree ETC Source Four (4 Balcony)
 40- 36* degree ETC Source Four (4 Balcony)
 30- ETC Parnels
 36- LED - Chauvet COLORado 2 Quad Zoom Tour
 14- LED - Chroma-Q Colorforce 72
 4- Lycian #1209 Midget HP Followspots
 2 - DF50 hazers
 1- Gem Glaciator fog machine
Automated Fixtures:
 10- Elation Powerspot 700 CMY II
 8- Elation Design Wash 1400E

ADDITIONAL SERVICES

Personnel are 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 with gel fee on a prorated formula. Expendables i.e.: tape, duvetyne, batteries and hardware are available on a limited basis at cost. Except for damage, wireless mic usage, projector usage, and moving light 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 configurations consult theatre technical director.

FOR ADDITIONAL INFORMATION

Dave Cruise, Technical Director. Work (562) 902-2902
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