



ALEX THEATRE

PERFORMING ARTS & ENTERTAINMENT CENTER

Technical Specifications

The historic Alex Theatre was built in 1925 and is a three-tier house with dual level lobbies, excellent sight lines and an extensive technical inventory.

House Capacity

Orchestra	768	[includes seating for up to eight wheel chairs]
Terrace	181	
Balcony	464	
TOTAL SEATS	1,413	
Forecourt	343	
Orchestra Level Lobby	315	
Mezzanine Level Lobby	343	
Dressing Room / Green Room Area	60	

Stage Dimensions

Proscenium Height	27' 0"
Proscenium Width	46' 0"
Stage Depth	28' 9"
Apron Depth	5' 6"
Center Line to Stage Right	31' 0"
Center Line to Stage Left Clear	36' 0"
Center Line to Stage Left Wall	47' 0"

There is access from the front of the house to backstage from house right hallway.

NOTE: Please request a stage diagram from the Technical Director for DSL and DSR obstructions.

Stage Floor

The stage floor is black tempered Masonite.

Dance Floor

The dance floor is a reversible grey/black Harlequin in five (5) 6' 6" x 48' sections.

Fly System

House Curtain / Grand Drape

- Burgundy drop curtain with center opening.
- Operated as guillotine from stage right locking rail or as a split traveler from stage right.

Fire Curtain

The historic fire curtain is made of encapsulated asbestos, counterweighted and motor-operated with fuseable link and pull-pin emergency operation. The stage deck directly beneath the path of the fire curtain must be clear of all obstructions at all times.

Rigging System

Grid Height	57' 6"
Type	Sets #0-6 are double-purchase Sets #7-42 are single purchase
Line Sets	42 sets at 8" o.c. with 5 lift lines per set
Arbors	1,000 lbs. capacity
House Pipes	52' long; low trim 5' 0"; out trim 55' 0"
Traveler Tracks	3 available [including house curtain] 1 motorized traveler at 14' per sec. on LS 3
Operation	From lockrail stage right. Loading at grid level. There is no pin rail.

A mobile capstain winch is available.

Soft Goods

5	Flat black velour borders
6 pair	Flat black velour legs [2 @ 12'w x 30'h; 3 @ 8'w x 30'h; 1 @ 9'w x 30'h]
1	Flat black velour drop [52'w x 29,h]
1	Flat black velour traveller – [2 panels 27'w x 29'h]
1	30' x 60' seamless white cyc
1	30' x 60' bounce cloth
1	27' x 21' flat black tab curtains stage left & stage right
2	30' x 52' black sharkstooth scrim
1	30' x 52' White sharkstooth scrim
1	Lined beige traveler 50% fullness [2 panels 27'w x 29'h]

Orchestra Pit

- Pit can accommodate approximately 20 musicians [15.4 sq. ft. per musician].
- 309 total sq. ft.; 125 sq. ft. is movable; 184 sq. ft. at 8' below stage level.
- Apron overhangs upstage wall of pit 4' 3".
- Front section adjustable from stage level to 8' below stage level.

Backstage

Loading Dock

Location	Loading dock is located on Maryland Avenue behind the theatre.
Loading Door Stage Left	12' 0" high x 8' 0" wide
Trucks	One at a time
Loading Door	Dock loading door is located 12' 0" above the stage level and 3' 6" above the street level. One 8' 0" x 11' 0" scissor life recessed into stage floor.
Ramp	13' x 40" ramp available

Wardrobe

Location	Basement
Access	Stairs located stage left and stage right
Facilities	Washer/dryer, sewing machine, steamer, iron and ironing boards available. Please check with the Technical Director regarding the availability of wardrobe racks.

Dressing Rooms

Access	Stairs stage right and stage left
Star Room	One (1) in basement with shower, toilet and sink; capacity 1-2 persons.
Private Rooms	Three (3) in basement; capacity 1-3 persons; one with sink.
Chorus Rooms	Two (2) in basement; capacity 1-12 persons; no sinks.
Showers	Restroom facilities with showers are located in the basement.

Green Room In the basement; telephone, soft drink machine, sink, and microwave.
 Tent A 20'x40' tent with sides can be put up in the backstage parking lot for use as additional dressing room space. The tent can be subdivided.

Electrics

The Alex Theatre has a flexible house plot suitable for all types of events. The client is responsible for all crew expenses to restore the setup back to the existing house plot.

Road Service Power

- 1 – 400 amp 3-phase DSL for electrics/dimmers [Camlocks]
- 1 – 200 amp 3-phase DSL for sound [5/8" lugs]

Distribution

324 – 20 amp wired stage circuits [all circuits w/grounded stage pin connectors] as follows:

FOH Cove Circuits # 1-36
 2nd Box Booms Circuits # 37-52
 Balcony Rail Circuits # 53-72
 1st Box Booms Circuits # 73-84
 1st Electric Circuits # 85-120
 2nd Electric Circuits # 121-156
 3rd Electric Circuits # 157-192
 4th Electric Circuits # 193-212

Stage & Floor

Floor Pockets Circuits # 213-234
 US Wall Circuits # 295-300
 Drop Boxes Circuits # 235-252 & 265-288 [6 x 3 circuits]
 DS Proscenium Circuits # 253-262
 Orchestra Pit Circuits # 263-265
 DSL Circuits # 301-324 [4 x 6 Socopex]

Light Instrument Inventory

<i>Quantity</i>	<i>Type</i>	<i>Watts</i>
8	10° Source Four	750
48	19° Source Four	575
83	26° Source Four	575
80	36° Source Four	575
10	Altman 6" Fresnel	750
30	Source Four Par	575
30	Altman Far 64 (MFL and WFL)	1,000
6	Altman Far CYC 3 Circuit	1,000
4	9' Altman T-3 Striplights, 3 Circuit	500
6	6' Altman Zip Strips MR 16 3 Circuit	75
2	Lycian 1290 XLT Follow Spots	2000 W Zenon

- Front of House instruments are not available for use in other locations.
- Working inventory of 5', 10', 25', 50', 100' cable; 50' & 100' multi-cable, barn doors, top hats, 2 fers and side arms.
- Follow spot booth located at the top of upper balcony.

Lighting Throw Distances to Curtain Line

Projection Booth 110'
 Cove 66'
 Box boom #1 16' to 28'
 Box boom #2 44' to 40'
 Balcony Rail 35'

Dimming

EDI Mark VII Dimmer bank w/324 – 2.4kw Stage Dimmers

Control

ETC ION Control Console

Houselights

Control via ETC Unison Control System
Also accessible via ION console

Tech Table

Located in center section orchestra level. Includes: 3 – video sends; 4 – intercom sends; production page and lighting control console tie-in.

Sound System

Console

Yamaha PM5D-RH w/ 48 inputs; 4 stereo inputs; 24 aux sends; effects, EQ, gates, & compressors.

Mix Position

Lower Balcony house right

Speakers

- L'Acoustics KUDO Stereo Line Array
- Front Fill Speaker System
- Under Lower Balcony Delayed
- L'Acoustics SB118 Sub-Woofers

Monitors and Spares (Quantity/Item)

- 6 Apogee SSM
- 4 Apogee AE5
- 4 Apogee AE3M

Auxiliary Equipment (Quantity/Item)

- 8 DBX160XT Compressor / Limiters
- 4 DBX166 Dual Gate/Compressor/Limiter
- 1 DN514 Klark-Technics Quad Gate
- 3 DN360 Klark-Technics 1/3 Octave Equalizers
- 2 Lexicon LXP-15 Effects
- 1 Lexicon 300 Effects
- 2 BSS FCS-926 Varicurve Programmable EQ
- 1 BSS FCS-920 Programmable EQ Slave
- 1 BSS TCS-804 DDL
- 1 Tascam 112mkII Cassette Deck
- 2 Sony CDP-D11 CD Player
- 1 Sony MDS-E11 MiniDisc Recorder
- 1 Panasonic SV-3700 DAT Recorder
- 2 Vega Dynex II Wireless Channels
- 10 Shure U14D Wireless Channels

Microphones (Quantity/Type)

- 5 Shure SM 57
- 6 Shure Beta 58
- 1 Shure SM 58S
- 2 Electro Voice RE20
- 4 Sennheiser MD 421

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- 3 AKG C408 Micro Mic
 - 4 AKG C300B w/ 91, 92, or 93 Capsule
 - 4 AKG C414B
 - 4 Neumann KM-140
 - 3 Crown PCC 160
 - 2 Audio Technica AT815R 18" Shotgun mic
 - 4 Audio Technica AT4073a 9" Shotgun mic
 - 4 Sennheiser MKE2 Lavaliers
 - 6 Countryman E6 Headset mic
 - 1 Shure WCM16 Isomax Headset mic
 - 5 Shure WH30TQG Headset mic
 - 2 Vega Dynex II Wireless Hand Held w/ SM87 capsule
 - 2 Shure U2 Wireless Hand Held w/ Beta 87C capsule

Wired Microphone Inputs

A total of 87 wired inputs are available as follows:

On stage	54
Orchestra Pit	24
Balcony Rail	3
Ceiling Catwalk	2

Monitor Sends

A total of 12 monitor sends are available.

On Stage and Orchestra Audio Monitors

Orchestra to stage, stage to orchestra, and stage to dressing room systems are available.

Communications

Intercom System Clear Comm MS-400A Main Station

7 headsets and belpacks available

Video Monitor System

Video input locations as follows:

Orchestra Pit	1
Balcony Rail	2

Outputs available to orchestra pit, stage, tech table position, mix position, follow spot booth, last row of orchestra level.

Hearing Impaired/Assisted Listening Devices

Sennheiser system for the hearing impaired – 20 headsets available

Road Console Tie-In

All mic sends terminate at house mix position in house right lower balcony (20) tie-ins SL 12 tie ins SR into house system stage left or offstage stage right amp room available.

Piano

The Alex Theatre's house piano a Steinway Model B. Check with the Assistant Technical Director for more information.

Internet

Wired and wireless DSL service available; check with the Assistant Technical Director for more information.

Cinema Film System

Screen Size21' 6" x 46'
Lens Format 1.33, 1.37, 1.66, 1.85, 2.5 [Cinemascope]
Projectors35mm Simplex XL Projectors, 4,000 watt xenon lamps

Sound

Behind Screen Three (3) JBL 4648 low frequency drivers, three (3) JBL 2446 high
frequency horns, two (2) JBL 4642 dual sub woofers
Surround Channels Fourteen (14) JBL 83340A speakers
ProcessorsDolby 650 Digital Processor with Kelmar LED Readers (digital and analog)
DTS Digital Processor

General Information

Theatre Address 216 North Brand Boulevard
Glendale, California 91203-2610

Tours of the theatre by appointment only. Please contact the Marketing and Events
Manager at (818) 243-2611 ext. 16 to make arrangements to view the theatre.

Tel: (818) 243-7700
Fax: (818) 243-3622 (Box Office)
Fax: (818) 243-3650 (Production)

Administration Offices Glendale Arts
116 West California Avenue
Glendale, California 91203-2212

Office Hours: Monday-Friday 10:00 a.m. to 5:00 p.m.

Tel: (818) 243-2611 Fax: (818) 241-2089

Email Address: rental@alextheatre.org

Web Site: www.alextheatre.org

Box Office: The Alex Theatre Box Office is open Friday, Saturday and Sunday from 12:00 p.m.
until 5:00 p.m. and on performance days 3 hours before the scheduled start time of
the performance and up to ½ hour after the scheduled start time of the event. *Box
Office hours are subject to change.* The box office number is 818-243-ALEX (2539)

Theatre Contacts

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