

THE ALEX

House Capacity

Orchestra 741 - 16 ADA

Terrace 194

Balcony 464

TOTAL SEATS 1,398

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"

Stage Floor: The stage floor is Black masonite

Backstage

Loading Dock

Location 217 N Maryland Avenue behind the theater.

Freight Elevator Doors: 9'-10" H x 9'-8" W. Interior: 13'-8" W x 11'-8" D x 12' H.

Trucks 53' Trailer: One at a time. Additional Parking by permit on N Maryland Ave.

Loading at the dock Dock height is 3'-6". A dock transition plate is available. The Freight elevator accesses the dock, stage and basement levels.

Wardrobe

Location Basement

Access Stairs located stage left and stage right

Facilities Washer/dryer, sewing machine, steamer, 2 irons and ironing boards available.

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; sink, refrigerator and microwave.

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

Stage Drapery and Rigging System

Grid Height	57' 6"
Lineset Type	Sets #0-6 are double-purchase. Sets #7-42 are single purchase
Line Sets	40 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 (including house curtain). 1 motorized traveler at 14' /sec. on LS 3
Operation	From lockrail stage right. Loading at grid level. There is no pin rail.

Soft Goods

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

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	27' x 21' flat black tab curtains stage left & stage right
2	30' x 52' black sharktooth scrim
1	30' x 52' White sharktooth scrim

Digital Projection System

Screen Size	21' 6" x 46'
Lens Format	1.33, 1.37, 1.66, 1.85, 2.5 [Cinemascope]
Projectors	35mm Simplex XL Projectors, 4,000 watt xenon lamps
Digital Projection.....	Christie CP4230 Xenon 4K Projector (2000:1 Contrast Ratio\34,000 lumens) Dolby IMS 3000 Digital Cinema Server

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
Processors	Dolby 650 Digital Processor with Kelmar LED Readers (digital and analog) Dolby CP950 Audio Processor DTS Digital Processor

LED Wall

Screen Size	13' x 36' on truss and motor pre-hung
Video Processor	NovaStar NovaPro UHD Jr

Electrics

The Alex Theatre has a flexible house plot suitable for all types of events.

Power

- 1 – 400 amp 3-phase DSL for electrics/dimmers [Camlocks]

Distribution

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

Light Instrument Inventory

Quantity Type Watts

- (2) 5° Source Four 750
- (8) 10° Source Four 750
- (37) 19° Source Four 575
- (82) 26° Source Four 575
- (72) 36° Source Four 575
- (28) Source Four Par 575
- (2) Lycian 1290 XLT Follow Spots 2000 W Zenon
- (17) MAC Aura 11-58 degree zoom Wash 3850 W RGBW
- (5) ETC Selador Paletta 63
- (8) VLTG TV-NE290 movers
- (4) EPL Beam 380 movers

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

Sound System

Console

FOH: DiGiCo SD12-96

MONITORS: Yamaha M7CL-48 Channel

I/O: 1 x Digico SD Rack, Total 56 in(32 Bit), 24 out(32 Bit)

Mix Position Located Rear of Orchestra Level

Splitter

1 x Whirlwind 48Ch(Isolated), 10 Return Ch(passive)

Main Out to FOH, ISO Out available

APPROX 150' run to FOH from DSL

House Loudspeaker System

Main Array:

Flown L'Acoustics Kudos Array consisting of

8 x Kudos per side

Lab Gruppen amps, Dolby-Lake Processor

Subs:

4 x SB 118

Front Fills:

4 x Apogee SSM

2 x L'Acoustics MTD108a

Under Balcony: 8 x Apogee SSM

Monitor System:

16 x QSC K10.2

6 x QSC K12.2

2 x QSC KS 118

Audio Electrical

1 Service, 200 Amps, 3-phase 120/208 volt, located DSL(shared power)

Cinema System

3 x JBL 4648A(MF), 3 x 2446H(HF)

2 x JBL 4642A Subwoofers

12 x JBL Surround

NOTE: 5.1 configuration available

Intercom System

1 x Clear-Com 4 Ch Base Station, located SR at Stage Manager Panel
w/ Paging Mic to Green Room

7 x Clear-Com 501 single channel belt packs and headsets

Microphone Inventory

Condenser

4 x Neumann 140
2 x AKG C408 clip mics
4 x AKG C414 B-ULS
3 x Crown PCC160
1 x Shure Beta98 Clamp On
2 x Shure MX418 Podium Mic
2 x AudioTechnica 815R (shotgun)
4 x AudioTechnica 4073a (shotgun)

DI Transformers

1 x Whirlwind PCDI
6 x Radial JDI
2 x Radial J48

In-Ear Monitors

8 x Shure PSM1000
8 x Shure Generic IEM headphones
1 x Shure PA821A Antenna Combiner
1 x Helical Antenna

Dynamic

2 x Shure SM58
6 x Shure Beta58
5 x Shure SM57
1 x EV RE20
1 x Beyer M88
4 x Sennheiser 421

Wireless

5 x Shure ULXD4D Dual CH. Receivers
2 x Shure UR2 handheld transmitters
 2 x SM 58 capsules
 2 x Beta 87C capsules
10 x Shure UR 1 bodypack transmitters
 w/ TA4M Connections
4 x Countryman E6 headsets
5 x Sennheiser MKE-2 Lavalier mics
2 x Shure UA844+SWB Antenna Combiner
2 x Shure Omni Antenna