



EMBASSY THEATRE FOUNDATION, INC.

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<https://www.ticketmaster.com/venue/41141>

Technical Director

Ben Roney

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Chief Production Officer

David Glowacki

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Technical Specifications

Updated 2025-02-05

House

Seating for 2,459 patrons

ADA Seating available for 12 patrons

Assisted Listening System: WilliamsSound PPA T45 with R37 Receivers

Stage

Dimensions

Proscenium Width: 54'-4"

Proscenium Height: 29'-6"

Plaster Line to DS Edge (before Orchestra Pit): 7'-1" (Diminishes to 4'-2" @ 19'-0" L/R of Ctr.)

Plaster Line to Upstage Wall: 44'-6"

Plaster Line to Upstage Blackout: 32'-0"

SL Wing: 11'-6"

SR Wing: 22'-0"

Gridiron Height: 62'-10"

Maximum Apron Width (Orchestra Pit @ Stage Height): 58'-0"

Maximum Apron Depth (Orchestra Pit @ Stage Height) @ Centerline: 22'-5"

House Floor: 3'-4" (-40") lower than stage level with permanent access stairways SL & SR

Orchestra Pit

Pit Length (SL-SR): 50'-0"

Pit Width (US-DS): 14'-0"

Pit Depth: 9'-3"

Rated Load Capacity: 23,400 lbs. (lifting) / 58,500 lbs. (static)

Pit can be lowered to 'Audience' level and seated with (74) chairs.

Stage Floor

Floating "sprung" maple hardwood

Fly System and Rigging

Double-Purchase Counterweight System

(57) total linesets – up to (46) available for touring use (*see Lineset Schedule for details*)

Individual Batten Capacity: 800 lbs

12,000 lbs. counterweight available at Loading Gallery

SL Pinrail & Flyrail Gallery: 21'-0" above stage floor

SR Pinrail Gallery: 39'-0" above stage floor

Battens are 58'-0" long 1-1/2" OD Schedule 80 steel pipe

>Linesets #5, #13, #26, #37 are dedicated electrics with maximum out-trim of 44'-0"

Gridiron: C3x4.1 Steel Channel (Capacity: 150 psf)

Front-of-House Points: (2) points 21'-6" DS of Plaster Line and 14'-6" L/R of Center

Loading Dock

Located on south side of building, access is via South Harrison Street.

Loading area can accommodate (2) tractor-trailer trucks or buses.

Street parking will be reserved for additional trucks and buses as needed.

Dock surface is level with the street - Stage is 3'-7" below Dock level (-43").

Loading doorway is 11'-0" wide by 10'-0" tall.

Loading Elevator (USR) is 11'-0" long x 8'-0" wide, lifting capacity is 10,000 lbs.

Power

Stage Right: (1) 800-Amp/leg Cam-lock and Lugs (dual Neutrals)

(1) 200-Amp/leg Cam-lock and Lugs (Transformer-isolated for Audio use)

(1) 100-Amp/leg Lugs-only

Draperies*

Main Valence and Act Curtain: 25oz custom cotton velour
Midstage Traveler: 24oz *Charisma* IFR polyester velour
(3) Borders and (4) Leg sets: 20oz *Crescent* IFR polyester velour
(1) White FR Muslin cyclorama
(1) White Perforated Vinyl Rear-Projection Screen (32'-0" x 18'-0")

**Certificates of Flame Resistance for all stage draperies are on file with Chief Production Officer*

Orchestra Shell

Wenger *Diva* System
(4) Ceiling pieces flown on linesets #14, #35, #53, and #57.
These are permanently installed and cannot be moved.
(6) Wall towers which store in Upstage Left corner of stage

Lighting

Control

ETC Ion Xe20 console
Avolites *Arena* console

Dimming

ETC Sensor 2.4kW dimming modules with CEM3 Control Modules (336 channels)

Network

Art-Net via Ethernet
(6) Pathway Connectivity PathPort UNO Nodes
(1) Pathway Connectivity VIA Ethernet Switch

Positions *(All lighting inputs are 2P&G "stagepin" unless otherwise indicated)*

Control

Back of house Left or Right- NOT Center (approximately 110' from stage)

House

Balcony Rail: (22) inputs @ 56'-6" throw to Plaster Line *(at center)*
Side Lighting Ladders: (12) inputs each @ 58'-0" throw to Plaster Line *(at center)*

Stage

1st Electric: (28) inputs @ 2'-6" US of Plaster Line [Lineset #5]
2nd Electric: (28) inputs @ 6'-8" US of Plaster Line [Lineset #13]
3rd Electric: (28) inputs @ 13'-10" US of Plaster Line [Lineset #26]
4th Electric: (28) inputs @ 20'-3" US of Plaster Line [Lineset #37]
5th Electric: (4) Edison inputs @ 25'-0" US of Plaster Line [Lineset #46]

Followspot Booth

Approximate 125'-0" throw to Plaster Line
(2) Strong Supertrouper 2K Instruments

Equipment

Lighting Instruments

(38) Chauvet Elation SIXPAR 200 (12x12W RGBAW+UV LED Par)
(20) Chauvet Elation SIXBAR 1000 (12x2212W RGBAW+UV LED Batten Fixture)
(12) Vari-Lite VL2600 Profile Fixture
(12) Vari-Lite VL800 Wash Fixture
(2) Martin Atomic 3000 LED Strobe/Blinder
(12) Chauvet Elation E2600WW LED Ellipsoidal
(32) ETC Source 4 Ellipsoidals (750w) w/19°, 26°, 36° barrels available
(12) ETC Source 4 Junior Ellipsoidals (575w) w/26° barrels
(6) ETC 15°-30° Source 4 Zoom (575w)
(6) ETC 25°-50° Source 4 Zoom (575w)
(32) Strand Fresnelite (1000w)

Accessories

(2) Apollo Gobo Rotators
(40) "B-size" pattern holders
(4) Drop-in Irises
(4) S4 Ellipsoidal 'Donuts'

Audio

Crossover points and other system settings are not adjustable.

Mix Position

Back of house Left or Right- NOT Center (approximately 110' from stage)

House Speakers and Amplification

Left and Right: JBL CBT 1000 Line Array Columns

Powered by Lab.Crown I-Tech HD amplifiers

Flown Subs: (2) JBL SRX828S

Front Fills: (4) VTC FF1

Underbalcony Fills: (4) JBL AM7212/26

House Mixer and Snake

Soundcraft Vi1000 Digital Console

Microphones

Shure Wireless (*frequencies available upon request*)

QLXD4 G50 Receiver (470 MHz-534 MHz)

(4) QLXD2 Handheld Transmitters (Beta 87A capsules)

(4) QLXD1 Bodypack Transmitters

(2) Point Source EO-8WL Over-Ear Elements

(2) Shure WL185 Lavalier Elements

Wired

(2) sE Electronics sE7

(1) sE Electronics V-Kick

(5) Shure SM-57

(6) Shure SM-58

(1) Shure SM-58S

(2) Shure SM-81

(1) Shure SM-94

(1) Shure Beta 52A

(1) Shure Beta 57A

(1) Shure Beta 87A

(2) Shure PGA181

(4) Sennheiser e-604

(2) Sennheiser e-609

(4) Audio-Technica PRO-37

(2) Crown PZM 30D

Direct-Input Accessories

(3) Whirlwind IMP2

(3) Whirlwind Director

(2) ProCo DB1

(1) ProCo CB1

(1) Stewert ADB-1 (Active Box)

(2) Radial J48

(4) Radial PRO D2

(2) Radial PRO D1

(2) ART AV Direct

Stage Monitors

(4) EV ZLX-15P Powered Stage Monitors

Production Intercom

Wired: Clear-Com with stations at FOH, Followspot Booth, Backstage Left/Right, Flyrail

PS-10K Base Station/Power Supply

Video

Projectors

(2) Panasonic PT-EW730 3LCD Projector

7000 ANSI Lumens, WXGA, 1280 x 800 Resolution

Projector can accept HDMI, DVI-D, DisplayPort, RGBHV, and Y/Pb/Pr program input

Screen

White Perforated Vinyl Movie Screen (46'-0" W x 19'-7" H)

Staging and Special Effects

- 9' Steinway 'D' Concert Grand Piano with padded adjustable-height bench
- (15) 4'x8' StageRight decks (with 8" fixed and 16"-24" adjustable support options)
- (2) hazebase Base Hazer Pro
- (1) Martin Magnum Hazer

Wardrobe

- (2) Washing Machines and (2) Dryers
- (2) Steamers
- (2) Irons with Ironing Boards
- (4) Rolling Wardrobe Racks
- (1) Rolling Laundry Basket

Bath and Hand Towels available by request

Backstage (downstairs beneath stage- refer to Dressing Area Map for details)

Dressing Rooms

- (1) Large Star room (#9) with lighted mirrors, sinks, toilet, and shower.
- (13) Rooms suitable for (4) performers each, includes lighted mirrors, clothing racks and sinks.
 - Rooms #1-12 supported by shared bathrooms with (2) sinks, (2) toilets and (2) showers each.
 - Rooms #13-16 supported by shared bathrooms with (1) sink and (1) toilet each.

Wardrobe Room

17'-6" x 25'-0" with lighted mirrors, counters, and multiple outlets

Laundry Room

- (2) washing machines
- (2) clothes dryers
- Double washtub/sink

Hospitality

- Green Room: comfortable for (8) people
- Common Room: includes sink, refrigerator, ice machine, and microwave oven.
- Hoosier Room: furnished with tables, chairs, and beverage refrigerator.