

Ikeda Theater Technical Information

Mesa Arts Center

4/3/2025

1 East Main Street, Mesa, AZ 85201

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General Information

Technical Services:

Director of Production: (Performing Live Advancing

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Production Supervisor: (Rental Advancing Contact)

Earl Fornter P: (480) 644-6588

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Programming:

Director of Theater and Operations

Randy Vogel P: (480) 644-6603

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Rental Contact:

Jaime Kenney

P: (480) 644-6580

E: jaime.kenney@mesaartscenter.com

Box Office:

Andrew Douglas P: (480) 644-6507

Ε:

andrew.douglas@mesaartscenter.com

Area Hotels:

Delta Marriott Mesa 200 North Centennial Way Mesa, AZ 85201 P: (480) 898-8300 Hyatt Place Mesa 1422 West Bass Pro Drive Mesa, AZ 85201 P: (480) 969-8200 DoubleTree by Hilton Mesa 1011 West Holmes Avenue Mesa, AZ 85210 P: (480) 833-5555

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Management

Production Office:

Location: Upstage hallway of Ikeda Theater

Internet access via Cat5e Ethernet cable available, shared wireless available.

Copier available in the Ikeda Loading dock area

Green Room:

Upstage hallway of Ikeda Theater next to the Ikeda Production Office

Policies:

- Lobby typically opens 1 hour prior to curtain with house opening 45 minutes prior to curtain.
 - O During summer lobby opens 1 hour 30 minutes prior to curtain
- The Fire Curtain must not be obstructed in any manner which could prevent its complete contact with the stage floor when deployed.
- All scenery drops and fabric must be flame proofed. Random testing of articles will occur.
- All wood must be flame-proofed (fire-treated).
- All doors in the facility are fire rated and must not be obstructed in any way to prevent their closure.
- Maximum Stage Occupancy (blank stage) is 357 persons including performers, and support personnel.

Load-In Area

Load-In Access to Stage:

- Two loading docks at stage level.
- Dock 1 has a trailer well and will allow unloading directly to stage level. Dock 1 can accommodate one (1) 53' tractor-trailer with tractor attached.
- Dock 2 is at street level and contents must be ramped down. Dock 2 can accommodate one (1) 53' tractor-trailer without tractor attached. Trailer must be dropped and tractor must park elsewhere on campus. Parking on campus will be reserved for the tractor by the Production Supervisor.
- There is no forklift on site.
- ½ ton stacking chain motor is available located upstage right as items are entering the stage.
- Loading dock door is 12' wide by 16' high.
- Driver must remain to move truck if necessary.
- Post-show storage is NOT available at the Mesa Arts Center. All items must leave at load-out. The Mesa Arts Center is not responsible for any items left behind.

Directions:

- 1. From Phoenix take Loop 202 East.
- 2. Exit Country Club Drive and turn Right (South) to Main St.
- 3. Turn Left (East) on Main St. and travel a half mile until you come to Sirrine/Centennial Way.
 - a. Semi-Trucks, recommend passing Main St. and turning left on 1st Ave then left on S. Sirrine.
- 4. Turn Right (South) on Sirrine/Centennial Way.
- 5. Take your first right into the service drive between the bank and parking garage. Follow the drive as it curves to the left. Park on the left, Performer entrance is on the right at the glass doors.

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Carpentry

Seating:

House Capacity – 1571 with orchestra pit seated

| Pit | Orchestra | Dress Circle | Parterre | Mezzanine | Balcony |
|----------|--------------------|---------------------|--------------------|--------------------|-----------------|
| 64 Fixed | 487 Fixed | 230 Fixed | 170 Fixed | 345 Fixed | 176 Fixed |
| - | 20 Loose Chairs | - | - | 38 Loose Chairs | 56 Loose Chairs |
| - | 6 Wheelchair Spots | - | 8 Wheelchair Spots | 4 Wheelchair Spots | - |

Stage Dimensions:

Proscenium width: 54' 11" Proscenium height: 31' 10"

SL locking rail to SR wall: 110' 11"

Stage Left wing: 21'

SL Locking Rail to Flyrail Pipe End: 12' 6"

Stage Right wing 35' (Orchestra shell storage obstructs some of this area and cannot be moved)

SR Wall to Flyrail Pipe End: 27'

Stage Left has a mid-rail Locking Gallery 20'2" above stage level and extends 8' from SL Locking rail.

Plaster line to back wall: 44'6" Plaster line to last line set (58): 44' Control room to plaster line: 107' 6" House mix position to plaster line: 65' 3"' Follow spot booth to plaster line: 125' 11"

Gridiron: 92'4"

Plaster Line to Edge of Orchestra Pit: 3' 1"

Orchestra pit: 56' 9"L x 11' 9"W radius design, 530sq. ft

Variable depth to 10' below stage level.

Static load capacity: 80,250 lbs. Lifting load capacity: 26,750 lbs.

Orchestra shell width at proscenium: 53' 8"

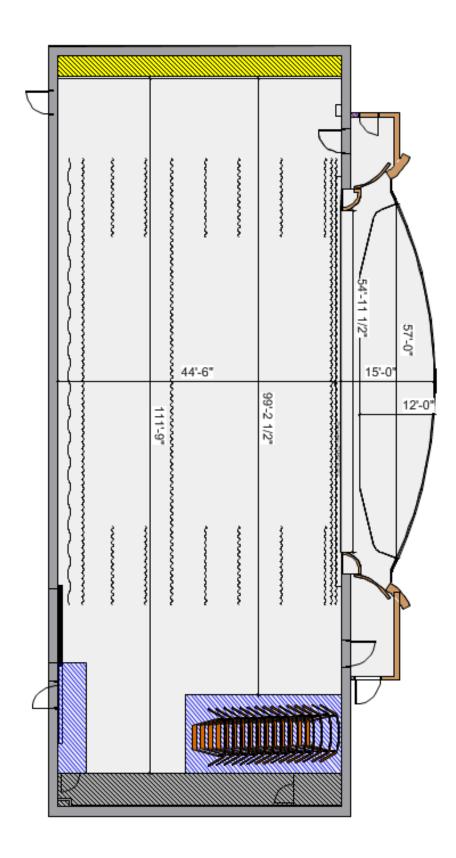
Orchestra shell depth: 32' 10"

Orchestra shell width at upstage: 39'

Stage Floor

- 1" Maple Hardwood, painted black over two layers of ¾" plywood laid on sleepers.
- Lagging into MAC floors is allowed, but all hardware must be Grade 5 or higher. Client will be responsible for all costs incurred to the MAC in the repair of the holes.
- No Traps are available

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House Draperies (Goods):

| Drapery | Quantity | Size | Fullness | Fabric | Lining | Color | Notes |
|-------------|----------|-------------|-------------|--------------|--------------|-------|----------|
| Main Border | 1 | 72′ x 14′ | 75% Sewn In | 25 oz Velour | Black Ranger | Blue | Nap Up |
| Main Drape | 1 | 38' x 36'6" | 75% Sewn In | 25 oz Velour | Black Ranger | Blue | Nap Up |
| Border | 5 | 72′ x 12′ | None | 22 oz Velour | None | Black | Nap Down |
| Leg (pairs) | 5 | 12' x 36' | None | 22 oz Velour | None | Black | Nap Down |
| 2 Traveler | 4 Panels | 38' x 36' | 50% Sewn In | 22 oz Velour | None | Black | Nap Down |
| Tracks | | | | | | | |
| Blackout | 4 | 26' x 36' | None | 22 oz Velour | None | Black | Nap Down |
| Cyclorama | 1 | 72' x 36' | None | Muslin | None | White | Seamless |
| Black Scrim | 1 | 72' x 36' | None | Sharktooth | None | Black | |

Line Set Data:

Working height of battens:

High trim: 78' 6"Low trim: 3' 6"

Battens: 58 truss battens, 72' long, Schedule 40

Type: Single Purchase

Arbor Capacity: 2705 pounds per arbor

Available Weight: Located DSL, mid-rail and loading rails **Loading Galleries:** 2 located SL at 70' and 80' above stage floor

Pin Rail: Located stage left at 3' 6"

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House Line Set Plot:

| | FROM DS | FROM | ARBOR WEIGHT | House Hang |
|-----------------|------------|--------------------------|----------------|---|
| LINE SET | LINESET | PROSC | CAPACITY (lbs) | DESCRIPTION |
| MT | 1'1" | 1' 1" | , , | MAIN TEASER |
| MD | 6" | 1' 7" | | MAIN DRAPE (TRAVELER) |
| 2 | 1' | 2' 7" | | LEGS 1 |
| 3 | 6" | 3' 1" | | ==== : |
| 4 | 6" | 3' 7" | | |
| 5 | 6" | 4' 1" | | (FOULS ON ELECTRIC) |
| 6 | 6" | 4' 7" | | 1ST ELECTRIC |
| 7 | 6" | 5' 1" | | (FOULS ON ELECTRIC) |
| <u>8</u> 9 | 6" 6" | 5' 7" 6' 1" | | |
| SHELL | 1' | 7' 1" | | ORCHESTRA SHELL CEILING #1 |
| 11 | 1' 3" | 8' 4" | | OKONESTIVI GNEEL GLIENIO #1 |
| 12 | 8" | 9' | | |
| 13 | 8" | 9' 8" | | |
| 14 | 8" | 10' 4" | | BORDER 1 |
| 15 | 8" | 11' | | LEGS 2 SR |
| 16 | 8" | 11' 8" | | LEGS 2 SL |
| 17 | 8" | 12' 4" | | PROJECTION SCREEN (15'x26'x6") |
| 18 | 8" | 13' | | |
| SRT | | DICULAR BATTEN-SR | | STAGE RIGHT TAB BATTEN |
| 19 | 1' 4" | 14' 4" | | 2ND ELECTRIC |
| 20 | 8" | 15' 8" | | |
| 21 SRL | 8" | 16' 4" DICULAR BATTEN-SR | | STAGE RIGHT LADDER BATTEN |
| 22 | 1' 4" | 17' 8" | | (CLOSE TO SHELL BUT DOES CLEAR – FLAT ITEMS ONLY) |
| SHELL | 8" | 18' 4" | | ORCHESTRA SHELL CEILING #2 |
| SLL | | DICULAR BATTEN-SL | | STAGE LEFT LADDER BATTEN |
| 23 | 1' 4" | 19' 8" | | BORDER 2 |
| 24 | 8" | 20' 4" | | LEGS 3 |
| 25 | 8" | 21' | | |
| 26 | 8" | 21' 8" | | |
| 27 | 8" | 23' | | (2011 2 21 21 20 21 21 |
| 28 | 8" | 23' 8" 24' 4" | | (FOULS ON ELECTRIC) |
| 29 30 | 8 " | 24' 4'' 25' | | 3RD ELECTRIC (FOULS ON ELECTRIC) |
| 31 | 8" | 25' 8" | | (FOOLS ON ELECTRIC) |
| 32 | 8" | 26' 4" | | |
| 33 | 8" | 27' | | MID STAGE TRAVELER |
| 34 | 8" | 27' 8" | | |
| SHELL | 1' 4" | 29' | | ORCHESTRA SHELL CEILING #3 |
| 36 | 2' | 31' | | BORDER 3 |
| 37 | 8" | 31' 8" | | LEGS 4 |
| 38 | 8" | 32' 4" | | |
| 39 | 8" | 33' | | |
| 40 41 | 8" 8" | 33' 8" 34' 4" | | (FOULS ON ELECTRIC) |
| 42 | 8" | 35' | | 4TH ELECTRIC |
| SLT | | DICULAR BATTEN-SL | | STAGE LEFT TAB BATTEN |
| 43 | 1' 4" | 36' 4" | | |
| 44 | 8" | 37' | | BORDER 4 |
| 45 | 1' 1" | 38' 1" | | LEGS 5 |
| 46 | 6" | 38' 7" | | (FOULS ON ELECTRIC) |
| 47 | 6" | 39' 1" | | 5 TH ELECTRIC |
| 48 | 6" | 39' 7" | | (FOULS ON ELECTRIC) |
| 49 | 6" | 40' 1" | | |
| 50 | 6" | 40' 7" | | SCREEN STORAGE (10.5'x14'2") |
| 51 | 6" | 41' 1" | | LIDOTAGE TRAVELED |
| 52 | 6" | 41' 7" | | UPSTAGE TRAVELER |
| | | 42' 1" | i | (FOULS ON TRAVELR PULLEY) |
| 53 | 6" | | | RORDED 5 |
| 53 54 | 6" | 42" 7" | | BORDER 5 |
| 53 54 55 | 6" 6" | 42" 7" 43' 1" | | LEGS 6 |
| 53 54 | 6" | 42" 7" | | |

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Support Areas:

Crossover:

There is no dedicated crossover. Closest crossover is the upstage hallway with access to SR and SL.

Access:

From front of house: hallway stage left (house right) to upstage hallway.

From dressing rooms: dressing rooms are in the upstage hallway and on the 2nd floor, accessible via stairway in the upstage hallway and elevator located behind the Piper theatre.

Storage:

There is no dedicated storage space for events. Events may store equipment in loading dock during their stay. Storage is not available before or after the show. All items must leave at load-out.

Non-Use Areas

• As per the Fire Marshall, floor areas blocked off in red floor paint must never be obstructed.

Designated areas are painted in purple in the backstage hallway are approved as storage areas.

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Lighting

Power:

| Quantity | Voltage | Phase | Amperage | Location | Connection |
|----------|---------|---------|----------|--------------------------|------------|
| 6 | 120/208 | 3 Phase | 400a | Stage Right Wall | Cam |
| 4 | 120/208 | 3 Phase | 200a | Stage Right Wall | Cam |
| 2 | 120/208 | 3 Phase | 400a | Up Stage Left | Cam |
| 2 | 120/208 | 3 Phase | 200a | Up Stage Left | Cam |
| 1 | 120/208 | 3 Phase | 200a | Gridiron Up Stage Center | Cam |
| 1 | 120/208 | 3 Phase | 200a | Gridiron Stage Right Co | |
| 1 | 120/208 | 3 Phase | 200a | Proscenium Catwalk Cam | |

Control:

- ETCNET 2 throughout venue.
- ETC Gio-4K Console + 2 ETC 2x20 fader wings
- ETC Gio-4K backup console
- ETC Ion-4k on-stage client
- ETC iPad Remote

Dimmers:

- 564 ETC sensor dimmers, 2.4kW dimmer
- 10 ETC sensor dimmers, 6kw dimmer

Circuits:

• 564 – 2.4kw circuits. Fixed positions on stage right and stage left catwalks with Socopex multicable connections.

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Circuit Locations:

| Location | Dimmers | | |
|---|--------------------------------------|--|--|
| 1 st AP | 59 – 86 + 566 (6k) (Raceway) | | |
| 2 nd AP | 19 – 46 + 565 (6k) (Raceway) | | |
| 3 rd AP | 1 – 18 (Raceway) | | |
| House Right Catwalk (AP) | 47 – 52 | | |
| House Left Catwalk (AP) | 53 – 58 | | |
| Balcony Rail | 87 – 110 (Raceway) | | |
| House Right Upper Box Boom | 111 – 116 | | |
| House Right Lower Box Boom | 135 – 140 | | |
| House Left Upper Box Boom | 117 – 122 | | |
| House Left Lower Box Boom | 141 – 146 | | |
| Orchestra Pit | 159 – 170 (2 Soco Connections) | | |
| Grid (Up Stage Center) | 171 – 182 (2 Soco Connections) | | |
| Stage Right Ladder Pipe (dedicated to US Truss) | 255 – 314 (10 Soco Connections) | | |
| Stage Left Ladder Pipe (dedicated to DS Truss) | 315 – 374 (10 Soco Connections) | | |
| Stage Right Gallery | 375 – 446 (12 Soco Connections) | | |
| Stage Left Gallery | 183 – 254 (12 Soco Connections) | | |
| Down Stage Right Wall (Stage level) | 473 – 480 + 572 (6k) | | |
| Down Stage Left Wall (Stage level) | 465 – 472 + 571 (6k) | | |
| Up Stage Right Wall (Stage level) | 557 – 564 + 574 (6k) | | |
| Up Stage Left Wall (Stage level) | 541 – 548 + 573 (6k) | | |
| Up Stage Center Wall (Stage level) | 549 – 556 | | |
| Stage Right Floor (Floor Pockets) | 497 – 512 | | |
| Stage Left Floor (Floor Pockets) | 481 – 496 | | |
| Up Stage Floor (Floor Pockets) | 513 – 540 | | |
| Down Stage Floor (Floor Pockets) | 447 – 464 | | |
| House Right Upper Torm (in Proscenium) | 123 – 128 | | |
| House Right Lower Torm (in Proscenium) | 147 – 152 | | |
| House Left Upper Torm (in Proscenium) | 129 – 134 | | |
| House Left Lower Torm (in Proscenium) | 153 – 158 | | |
| House Lights | 587 – 621 + 752 (LED Wall Intensity) | | |

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Equipment Inventory:

Stage Instruments:

| Quantity | Brand | Туре | Wattage | Frame |
|----------|-------------------|-----------------------------------|---------|---------------|
| 2 | ProCan | 8 Can Audience Blinders | | |
| 12 | ETC Source 4 | 5 Degree | 750w | 14" x 14" |
| 55 | ETC Source 4 | 10 Degree | 750w | 12" x 12" |
| 6 | ETC Source 4 | 14 Degree | 750w | 7.5" X 7.5" |
| 40 | ETC Source 4 | 19 Degree | 575w | 6.25" X 6.25" |
| 82 | ETC Source 4 | 26 Degree | 575w | 6.25" X 6.25" |
| 125 | ETC Source 4 | 36 Degree | 575w | 6.25" X 6.25" |
| 12 | ETC Source 4 | 50 Degree | 575w | 6.25" X 6.25" |
| 104 | ETC Source 4 | Par | 575w | 7.5" X 7.5" |
| 12 | L&E | 3 Cell Cyc | 1kw | 9.5" x 11.5" |
| 11 | Ground Strip | 6 Cell | 1kw | 10" x 13.5" |
| 22 | HES Lonestar | Automated Framing Profile Fixture | 615w | N/A |
| 38 | Elation KL PAR FC | 30 Degree (MFL) | 280w | 7.5" X 7.5" |

Followspots:

4 Super Trooper (2K) Follow spots located in enclosed spot booth at rear of house - catwalk level.

Follow spot booth to plaster line: 125' 11"

Follow spot booth to plaster line Horizontal Distance: 112' 5" Follow spot booth to plaster line Vertical Distance: 56' 8"

Cable:

Soco, Stagepin and 2-fers are available.

House Lighting Plot Description

- The Ikeda Theater house lighting plot has LED PARs with multiple color washes available on stage.
- A three-color high side wash is available from the 1st, 2nd, 3rd and 4th electrics over stage.
- Several fixtures are also available on each electric for overhead specials.
- Up to 3 color Cyclorama wash is also available as well as FOH box boom and balcony rail positions.
- NOTE: Not all fixtures may be available because they are being used on house plot.
- Please speak to the MAC Production Supervisor to request a plot or more information.

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Audio

Power:

| Quantity | Voltage | Phase | Amperage | Location | Connection |
|----------|---------|---------|----------|------------------|------------|
| 4 | 120/208 | 3 Phase | 200a | Stage Right Wall | Cam |
| 2 | 120/208 | 3 Phase | 200a | Up Stage Left | Cam |

Control Location:

The Front of House Mix Position is located in the center of the main floor in the house, 65' from plaster line. Mix position cable tunnel terminates Down Stage Right. A 100' snake minimum is recommended to connect a Monitor Console Down Stage Right to a console at the Front of House Mix Position. The cable chase is 85' opening to opening.

- If you would like the Monitor Console to be placed Down Stage Left, a minimum 75' extension is needed in addition to the 100' snake mentioned above.
- The MAC has 2 100' Whirlwind W-4 snakes and splitter.
- If you need to run lines to the Lighting Booth, a 350' Snake will be needed.

Hearing Assist System:

Infrared hearing assist system headsets are available to patrons via the house management staff. Show Program is distributed by the audio system Digital Signal Processor and sourced from the mixing console or ambient room mic.

Paging System:

Paging system is routed to the US hallway, upstairs and downstairs dressing rooms, Green Room, production office and patio. Paging locations are located DSR, DSL and in the lighting control booth.

Front of House video monitoring is available in the Green Room, DSR, DSL, and upstairs Dressing Rooms.

Production Communication:

- 2 channel Clear-Com party line system w/10 single-channel wired belt packs and headsets.
- 2 Single channel Clear-Com FreeSpeak II 1.9GHz base stations w/ 5 Clear-Com FreeSpeak II belt packs and headsets.
- 2 Clear-Com (1x TW-12B & 1x TW-12C) interface units available.

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Equipment Inventory:

Front of House mixing console:

- Yamaha CS-R5: Rivage PM5 Control Surface
- Yamaha DSP-RX: DSP Engine w/120 Input s, 48 Mix Buses, 24 Matrices
- Yamaha HY144-D-SRC: High Capacity I/O Card, Dante, Sample Rate Conversion

FOH I/O Rack:

• (2) Yamaha RI03224-2: I/O rack unit that features 32 analog inputs, 16 analog outputs, and eight digital AES/EBU output. Total of 64 analog inputs, 32 analog outputs, 16 digital AES/EBU outputs.

Monitor Package Equipment (subject to availability and additional rental costs):

- Yamaha CS-R3: Rivage PM3 Control Surface
 - Yamaha DSP-RX: DSP Engine w/120 Input s, 48 Mix Buses, 24 Matrices
 - Yamaha HY144-D-SRC: High Capacity I/O Card, Dante, Sample Rate Conversion
 - o (2) Yamaha RI03224-2: I/O rack unit that features 32 analog inputs, 16 analog outputs, and eight digital AES/EBU output. Total of 64 analog inputs, 32 analog outputs, 16 digital AES/EBU outputs.
- Behringer X32
- 16 Renkus-Heinz PN151/M9 15" powered 2-way wedges
- 6 Renkus-Heinz PN121/M12 12" powered 2-way wedges
- 12 QSC K12 powered speakers
- 2 QSC K-Subs

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Speaker systems:

L' Acoustics Kudo line array package (subject to availability and additional rental costs)

- 2 Arrays Stage Left and Stage Right
 - o L'Acoustics Kudo full-range line array cabinets (20 total, 10 each side)
- Subwoofers stacked on deck Stage Left and Stage Right
 - L'Acoustics SB-28 Subwoofers (6 total, 3 each side)
- Front Fills on lip of stage
 - L'Acoustics 8XT coaxial Speaker Cabinets (7 total)
- 12 L'Acoustics LA8 Amplified Controllers (L-R arrays and Subs)
- 1 L'Acoustics LA4 Amplified Controller (Front Fills)

Renkus-Heinz P.A. package

- Left, Center, Right Clusters, Flown
 - o 2 Renkus-Heinz CT9/64 w/ 1 CT7M/94 down fill. L&R
 - o 3 Renkus-Heinz CT9/64 w/ 3 CT7M/94 down fills. Center
 - 4 Renkus-Heinz CELF15-2 low frequency modules/subwoofers.2 units mounted inside of each proscenium tower
- Vegas Speakers, located between subwoofers.
 - o 2 Renkus-Heinz CT7/64
- Front Fill
 - o 7 Renkus-Heinz TRC61 built into front of stage,
 - o 7 Renkus-Heinz TRC61 built into front of orchestra pit

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Microphones:

| # | Make/Model | Туре | # | Make/Model | Туре |
|----|-------------------------|--|---|---|--|
| 12 | Shure SM58 | Cardioid dynamic vocal | 1 | Applied Microphone Technology M40 | Cardioid condenser piano |
| 12 | Shure SM 57 | Cardioid dynamic Instrument | 2 | Shure RPW-184 | Switchable cardioid/supercardioid KSM9 head for Shure UHF-R |
| 4 | Shure Beta 58 | Super cardioid dynamic vocal | 2 | Electro-Voice RE20 | Large diaphragm cardioid dynamic |
| 4 | Shure SM 81 | Cardioid condenser Instrument | 6 | Sennheiser 421 | Cardioid dynamic instrument |
| 2 | Shure Unidyne 545 | Cardioid dynamic switched announce | 2 | AKG C1000S | Cardioid condenser Instrument w/switchable polar patterns via diaphragm insert |
| 2 | Shure Beta 87 | Super cardioid Condenser vocal | 4 | AKG 414 | Large diaphragm condenser w/switchable polar patternssensitivity-high pass filters |
| 1 | Shure Beta 52 | Large diaphragm super cardioid dynamic kick drum bass | 2 | Audio-Technica U857QU | Cardioid condenser podium |
| 1 | Shure Beta 91 | Half-Cardioid Condenser Boundary Instrument | 8 | Countryman Type 85 | Active D.I. instrument |
| 4 | Shure Beta 98 | Miniature super cardioid condenser w/mount drum | 4 | Whirlwind Director | Passive DI instrument audio-visual |
| 5 | Crown PCC 160 | Half-super cardioid boundary | 4 | Neumann KM 184 | Cardioid Condenser instrument |
| 6 | Audio-Technica U853R | Cardioid condenser hanging type chorus | 2 | Audio-Technica 4040 | Large diaphragm cardioid condenser |
| 2 | Neumann KMS 105 | Super cardioid condenser vocal | 3 | Rapco-Horizon LTI-100 | Laptop Interface w/1/8" stereo mini connector and L/R XLR switchable to mono outputs |
| 6 | AKG 451 | Cardioid condenser Instrument | 2 | Countryman E-6 | Omnidirectional condenser over-the- ear w/Shure TA4F connectors 1 black/1 tan |
| 6 | Countryman B6 | Omnidirectional condenser lavalier w/TA4F connectors;5 black/1 tan | | | |
| 4 | Sennheiser e 604 | Cardioid Dynamic Drum Microphone | | | |

^{(*}note-additional miscellaneous lavalier and head worn microphones are available in limited supply in our microphone inventory)
(*note-additional miscellaneous clamps for piano, music stands and horn instruments available in limited quantity)

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Facility shared wireless microphones (Based on Availability, Additional Charges Applicable):

- 2 rack mounted Shure ULXD AD4Q receivers with 8 Shure ULXD2 handheld transmitters w/Shure SM58 capsules (Beta 87 capsules available) and 8 Shure ULXD1 belt packs w/Shure WL 154 cardioid lavalier capsules MM-PSM omnidirectional head worn microphones (Countryman E6 type) available.
- 1 rack mounted Shure ULXD AD4Q receivers with 4 Shure ULXD2 handheld transmitters w/Shure SM 58 capsules (Beta 58 capsules available) and 4 Shure ULXD1 belt packs w/Shure WL154 lavalier capsules MM-PSM omnidirectional head worn microphones (Countryman E6 type) available.
- 1 Rack mounted Shure ULXD AD4Q recivers with 4 Shure ULXD AD4Q handheld transmitters with Shure SM 58 capsules (Beta 58 capsules available) and 4 Shure ULXD1 belt packs with Shure WL154 Lavalier capsules and MM-PSM omnidirectional head worn microphones (Countryman E6 type) available
- 1 rack mounted Shure Axient AD4D in each venue with 2 AD2 handheld and 2 AD1 beltpack transmitters each. Countryman E5 head worn microphones available.

Both racks include Shure UA-845 Antenna Distribution units and Shure UA870 active directional antennas

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Video

Projector:

- Christie Roadster WU20K-J, 20,000 Lumens, 1920x1200 DLP Projector. Located in Lighting control booth.
 - o Lens: Christie ILS Lens 4.5-7.5:1 SX+ / 4.1-6.9:1 HD 0.95" 118-100115-XX
 - Alternative Lens: Christie ILS lens: 2.8-4.5:1/SX+ 2.6-4.1:1
 - o Inputs: DVI/HDMI, HDSDI, VGA, RGBHV
 - o 105' from projector to plaster line.
 - o 117'3" from projector to screen.

Projection Screen:

• 15' H x 26'W x 6" D DaLite Front Projection Screen. Screen is hung from Flyrail and typically lives at 12' 3" Upstage of Proscenium Line.

Video Equipment:

- Roland V-800HD Mutli-format Video Switcher
 - o 8 Channel, 16 Input (4 SDI, 4 Composite, 4 DVI-I/HDMI, 4 RGB/Component
 - o 6 Output (2 SDI + 2 DVI-D/HDMI + RGB/Component + Composite)
 - o Multiviewer HDMI Output
- 3 MacBook Pro Laptop Computers
- 2 Dell Windows Laptop Computers
- 2 DSan Perfect Cue Mini

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Props

Orchestra Pit

Orchestra pit is (57L x 12W radius design) 530sq. ft. – variable depth to 10' below stage level.

Static load capacity: 80,250 lbs. Lifting load capacity: 26,750 lbs.

Orchestra Shell width at Proscenium: 53' 8"

Music:

Orchestra Chairs: 198 Wenger padded black chairs (subject to availability)

Cello Chairs: Bass Chairs:

Music Stands: 182 Wenger music stands (subject to availability)

Stand Lights: 200 stand lights (subject to availability)

Conductor Podium: Wenger 2-step podium with conductor music stand (subject to availability)

Orchestra Shell:

Oak veneer, Wegner orchestra shell. See attachment for stage setup and storage locations.

Platforms:

24 Wenger 4'x8' platforms (subject to availability) 8 Wenger 4'x4' platforms (subject to availability) Legs to raise platforms to 8", 16", 24", 32" heights

Dance Floor:

6 sections of Rosco dance floor: 5' x 60'

Lecterns:

2 Dalite black podiums (subject to availability)

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Wardrobe

Dressing Rooms:

- 1 star dressing room with shower and bathroom, located in the US hallway 1st floor.
- 1 dressing room (4 person capacity) with shower and bathroom, located in the US hallway 1st floor.
- 3 chorus dressing rooms (8-10 person capacity) with showers (2) and bathroom, located on the 2nd floor.

Wardrobe Area:

- Main laundry facility is located on the 2nd floor. This is shared between all theaters at the Mesa Arts Center and is subject to availability.
- Single Washer/Dryer may be available adjacent to Playhouse greenroom. Contact tech department for availability.
- 1 clothes rack is assigned to each dressing room. 6 more racks may be available in wardrobe room (based on availability)
- 3 iron and 3 ironing boards (based on availability)
- 6 steamers (based on availability)
- 2 Whirlpool washing machines (based on availability)
- 2 Whirlpool dryers (based on availability)

Musician Warm Up Room/Multipurpose Room:

- Shared between all theaters at the Mesa Arts Center (Available based on other theaters' needs)
- Located in US 1st Floor Hallway
- Sound Dampened