



# Ikeda Theater Technical Information

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Mesa Arts Center

11/18/2025

Mesa Arts Center  
Ikeda Theater Technical Information Packet  
1 East Main Street, Mesa, AZ 85201

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**General Information**

**Technical Services:**

**Director of Production:**

Mike Johnson

P: (480) 644-6617

E: [mike.johnson@mesaartscenter.com](mailto:mike.johnson@mesaartscenter.com)

**Production Supervisor:** (Primary Advancing Contact)

Earl Fortner

P: (480) 644-6588

E: [earl.fortner@mesaartscenter.com](mailto:earl.fortner@mesaartscenter.com)

**Programming:**

Director of Theater

Randy Vogel

P: (480) 644-6603

E: [randall.vogel@mesaartscenter.com](mailto:randall.vogel@mesaartscenter.com)

**Rental Contact:**

E: [Rentals@mesaartscenter.com](mailto:Rentals@mesaartscenter.com)

**Box Office:**

Andrew Douglas

P: (480) 644-6507

E: [andrew.douglas@mesaartscenter.com](mailto: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 with a patio

### **Policies:**

- Lobby typically opens 1 hour prior to curtain with house opening 45 minutes prior to curtain.
  - 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. Truck well is a 4.4° slope. Venue has a 6" wheel ramp to offset. Makes a 3.8° slope in the truck.
- 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 Serrine/Centennial Way.
  - a. Semi-Trucks, recommend passing Main St. and turning left on 1<sup>st</sup> Ave then left on S. Serrine.
4. Turn Right (South) on Serrine/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

<b>Pit</b>	<b>Orchestra</b>	<b>Dress Circle</b>	<b>Parterre</b>	<b>Mezzanine</b>	<b>Balcony</b>
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"

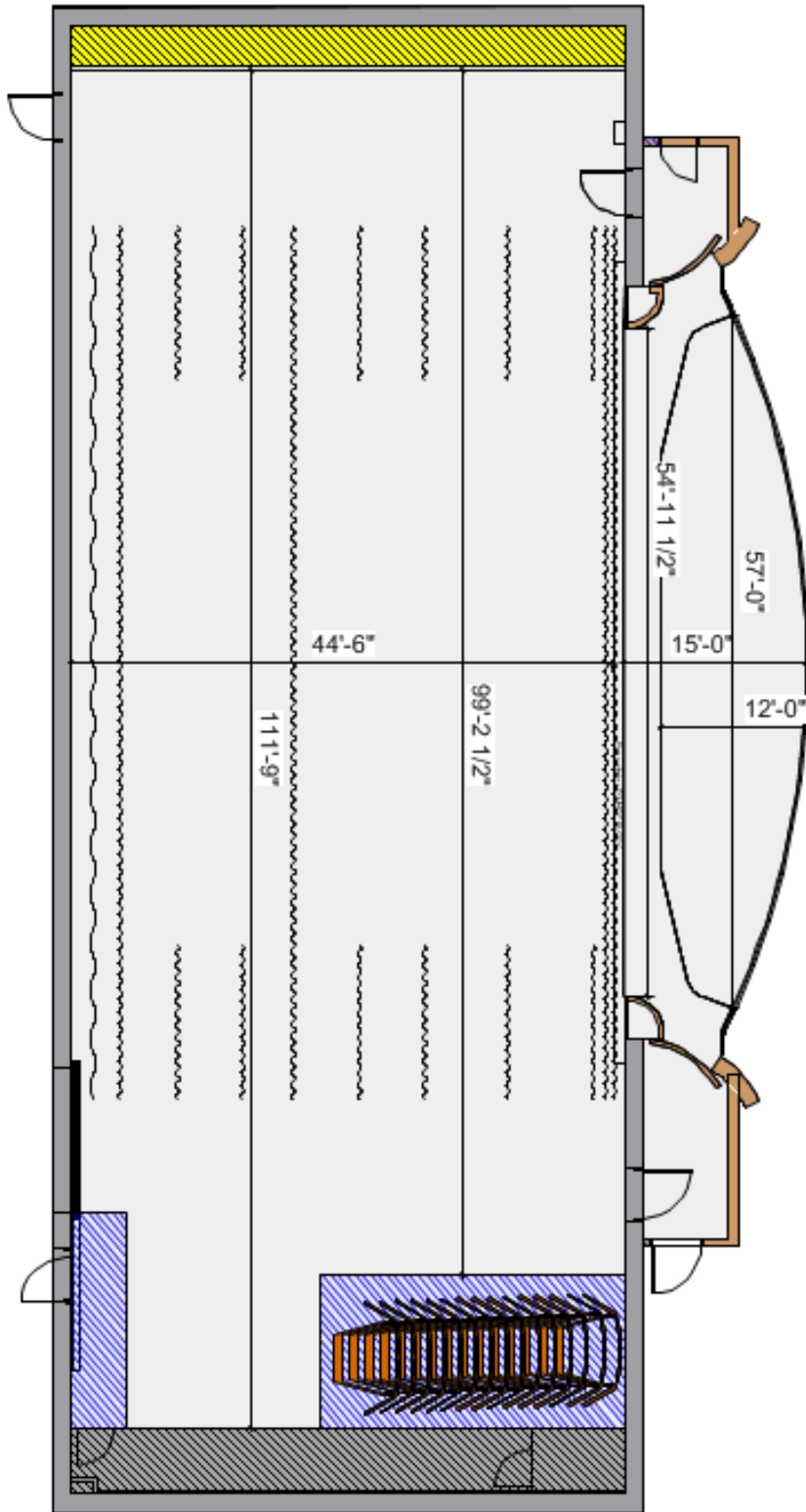
Orchestra shell depth: 32' 10"

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 Tracks	4 Panels	38' x 36'	50% Sewn In	22 oz Velour	None	Black	Nap Down
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	
Z-Tech Border	35	10' 3'	None	Heat Stop	None	Black	Shared
Z-Tech Border	10	4' x 10'	None	Heat Stop	None	Black	Shared

**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:

LINE SET	FROM DS LINESET	FROM PROSC	ARBOR WEIGHT CAPACITY (lbs)	House Hang 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)
<b>6</b>	<b>6"</b>	<b>4' 7"</b>		<b>1ST ELECTRIC</b>
7	6"	5' 1"		(FOULS ON ELECTRIC)
8	6"	5' 7"		
9	6"	6' 1"		
SHELL	1'	7' 1"		ORCHESTRA SHELL CEILING #1
11	1' 3"	8' 4"		
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	PERPENDICULAR BATTEN-SR			STAGE RIGHT TAB BATTEN
<b>19</b>	<b>1' 4"</b>	<b>14' 4"</b>		<b>2ND ELECTRIC</b>
20	8"	15' 8"		
21	8"	16' 4"		
SRL	PERPENDICULAR 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	PERPENDICULAR 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'		
28	8"	23' 8"		(FOULS ON ELECTRIC)
<b>29</b>	<b>8"</b>	<b>24' 4"</b>		<b>3RD ELECTRIC</b>
30	8"	25'		(FOULS ON ELECTRIC)
31	8"	25' 8"		
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	8"	33' 8"		
41	8"	34' 4"		(FOULS ON ELECTRIC)
<b>42</b>	<b>8"</b>	<b>35'</b>		<b>4TH ELECTRIC</b>
SLT	PERPENDICULAR 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)
<b>47</b>	<b>6"</b>	<b>39' 1"</b>		<b>5TH ELECTRIC</b>
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"		
52	6"	41' 7"		UPSTAGE TRAVELER
53	6"	42' 1"		(FOULS ON TRAVELR PULLEY)
54	6"	42' 7"		BORDER 5
55	6"	43' 1"		LEGS 6
56	6"	43' 7"		CYCLORAMA
57	6"	44' 1"		Full Stage Black
58	See Note	36'		Falls Between LS 42 & 43

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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 2<sup>nd</sup> 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 the loading dock and in the purple painted areas in the 1<sup>st</sup> floor hallway and across the hall from the dressing rooms on the 2<sup>nd</sup> floor. 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.

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## Lighting

### Control:

- ETC Gio-4K Console + 2 ETC 2x20 fader wings
- ETC Gio-4K backup console
- ETC Ion-4k on-stage client
- ETC NET 3 throughout venue.
- Dedicated iPad aRFR
- 7 ETC NET 3 portable nodes

### 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.

### Followspots:

(4) Canto Aurora X1 Short Series. Follow spots located in enclosed spot booth at rear of house - catwalk level.  
1300 Lux/120 Foot Candles measured at plaster line  
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"

### 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 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> 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.**

### Extra equipment available (Subject to availability)

- Soco, Stagepin and 2-fers are available.
- 4 High End Systems AF1000 Dataflash Strobe
- 2 Atomic 3000 Strobe
- Ultratec FX Radiance Haze Generator
- DF50 Diffusion Hazer
- Rosco 1700 Smoke Generator
- Martin Jem Gladiator Dynamic Low Fog Generator
- Ultratec LSG PFI-9D Low Fog Generator (additional equipment needed from outside vendor)
- Rosco Vapour Plus Fog Machine

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**Circuit Locations:**

<b>Location</b>	<b>Dimmers</b>
1 <sup>st</sup> AP	59 – 86 + 566 (6k) (Raceway)
2 <sup>nd</sup> AP	19 – 46 + 565 (6k) (Raceway)
3 <sup>rd</sup> 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)

**Power:**

<b>Quantity</b>	<b>Voltage</b>	<b>Phase</b>	<b>Amperage</b>	<b>Location</b>	<b>Connection</b>
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	Cam
1	120/208	3 Phase	200a	Proscenium Catwalk	Cam

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**Fixture Inventory:**

<b>Quantity</b>	<b>Brand</b>	<b>Type</b>	<b>Wattage</b>	<b>Frame</b>
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"

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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.

The listen anywhere app. Patrons can download the listen anywhere app and join the network for access to the program feed.

**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
  - (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
- 10 L-Acoustics X15 HiQ wedges
- 6 L-Acoustics X12 passive wedges
- 12 QSC K12 powered speakers
- 2 QSC K-Subs
- 16 Renkus-Heinz PN151/M9 15" powered 2-way wedges
- 6 Renkus-Heinz PN121/M12 12" powered 2-way wedges

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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
  - 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
  - 2 Renkus-Heinz CT9/64 w/ 1 CT7M/94 down fill. L&R
  - 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.
  - 2 Renkus-Heinz CT7/64
- Front Fill
  - 7 Renkus-Heinz TRC61 built into front of stage,
  - 7 Renkus-Heinz TRC61 built into front of orchestra pit

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**Microphones:**

#	Make/Model	Type	#	Make/Model	Type
12	Shure SM58	Cardioid dynamic vocal	1	Applied Microphone Technology M40	Cardioid condenser piano
12	Shure SM 57	Cardioid dynamic Instrument	3	Rapco-Horizon LTI-100	Laptop Interface w/1/8" stereo mini connector and L/R XLR switchable to mono outputs
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 414B	Large diaphragm condenser w/switchable polar patterns-sensitivity-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
9	Crown PCC 160	Half-super cardioid boundary	4	Neumann KM 184	Cardioid Condenser instrument
7	Audio-Technica U853R	Cardioid condenser hanging type chorus	2	Audio-Technica 4040	Large diaphragm cardioid condenser
4	DPA 4099	Supercardioid instrument mic with misc. clips	6	Countryman E-6	Omnidirectional condenser over-the-ear w/Shure TA4F connectors in tan
6	AKG 451	Cardioid condenser Instrument	6	Beta 98H	Cardioid condenser instrument mic
2	Countryman B6	Omnidirectional condenser lavalier w/TA4F connectors; black	2	DPA 4188	Cardioid over-the-ear with Microdot to TA4F adapters.
4	Sennheiser e 604	Cardioid Dynamic Drum Microphone	2	Audix i5	Snare Mic
2	Audix D6	Kick Drum Mic	4	Audix D2	Rack tom Mics
2	Audix D4	Floor Tom Mic	2	Audix SCX1HC	High Hat Mic
4	Audix SCX1C	Overhead Mic			

(\*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 receivers 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.
- 8 Shure Beta 58A capsules
- 7 Shure Beta 87A capsules
- 1 Shure SM58 capsules
- 4 KSM8 capsules
- 2 KSM9 capsules

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.
  - 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
  - Inputs: DVI/HDMI, HDSDI, VGA, RGBHV
  - 105' from projector to plaster line.
  - 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
  - 8 Channel, 16 Input (4 SDI, 4 Composite, 4 DVI-I/HDMI, 4 RGB/Component)
  - 6 Output (2 SDI + 2 DVI-D/HDMI + RGB/Component + Composite)
  - Multiviewer HDMI Output
- 3 MacBook Pro Laptop Computers (subject to availability)
- 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: (Subject to Availability)

**Orchestra Chairs:** 198 Wenger padded black chairs

**Cello Chairs:** 10 Wenger padded cello chairs

**Bass Stools:** 6 Wenger adjustable stools

**Music Stands:** 182 Wenger music stands

**Stand Lights:** 200 stand lights

**Conductor Podium:** Wenger 2-step podium with conductor music stand

### Orchestra Shell:

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

### Portable shell (subject to availability)

8 Wenger Legacy Acoustical shell

### Platforms: (subject to availability)

24 Wenger 4'x8' platforms

8 Wenger 4'x4' platforms

Legs to raise platforms to 8", 16", 24" and 32" heights

### Choral Risers: (subject to Availability)

13 Wenger Signature Risers

3 Wenger Signature Risers Reversed

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

### **Wardrobe Area: (Subject to availability)**

- 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 Event Services Coordinator for availability.
- 1 clothes rack is assigned to each dressing room. 6 more racks may be available in the wardrobe room
- 3 iron and 3 ironing boards
- 6 steamers
- 2 Whirlpool washing machines
- 2 Whirlpool dryers

### **Musician Warm Up Room/Multipurpose Room:**

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