





Miller Outdoor Theatre Stage & House Information					
	Maximum Building Occupancy	1583			
Building Capacities	Seating Capacity in the Covered Seating Area	1704 seats + 20 wheelchair spaces			
	Approximate Seating Capacity on the Hill	6000 (Blankets) / 9000 (Standing)			
	Proscenium Width	58' 8"			
	Proscenium Height	25' 10"			
	Stage Width	65' 2"			
Stage Dimensions	Stage Depth (Curtain to Back Wall)	42' 2"			
Stage Difficultions	Apron Depth (Curtain to Upstage Edge of Pit)	8' 2"			
	Deck to Grid	65' 8"			
	Plaster Line @ Center to Front-of-House Control Booth	135' 5"			
	Plaster Line @ Center to Front-of-House Lighting Catwalk	89' 9"			
	System Pipes	54 (Grand Drape & 10 Electrics Are Motorized)			
	System Pipe Length	1½" Schedule 40; 63' long			
	Pipe Trim #2-12 (Split Rail)	High trim 52' 1"; Low trim 3' 10"			
Fly Rail	Pipe Hilli #2-12 (Split Kall)	Battens are pre-rigged to tail up 10'-0" if needed			
	Pipe Trim #1 & #13-54	High trim 60' 6"; Low trim 4' 0"			
	Arbor Capacity	1750 lbs.			
	Counter Weight (30,000 lbs. total)	(1) Brick = 20 lbs.			
Loading Dock	Loading Dock Door Dimensions	W: 7' 9" H: 10' 0"			
Loading Dock	Note: The Loading Dock is at street level. A ramp, fork lift, or	or lift gate is required for unloading trucks.			
	Orchestra Pit Width	74' 6"			
	Orchestra Pit Depth	17' 10" at Center Line			
	Total Sq. Footage	1,129 sq. ft.			
Orchestra Pit	Orchestra Pit Rate of Travel (DOWN)	1 Minute 6 Seconds			
Of Cilestia Fit	Orchestra Pit Rate of Travel (UP)	51 Seconds			
	Maximum Low Trim	7' 7"			
	Typical Low Trim for Orchestras	5' 11"			
	Weight Capacity of Orchestra Pit	27,000 lbs.			

Draperies						
Item	Linesets	Fabric	Size	Quantity	Weight	
Grand Drape	1	32 oz. Cherry IFR; 100% Fullness	30' H x 63' W (7' Overlap @ Center)	1	945 lbs.	
Split Black (2 Panels)	20, 54	25 oz. Black IFR; Flat	30' H x 34' W (Each Panel)	1	300 lbs.	
Black Border / Full Black	2	25 oz. Black IFR; Flat	30' H x 60' W	1	300 lbs.	
Black Borders	11, 20, 31, 40, 45	25 oz. Black IFR; Flat	10' H x 60' W	6	120 lbs.	
Black Legs	3, 12, 21/22, 32, 41, 50	25 oz. Black IFR; Flat	30' H x 15' W	6 Pairs	150 lbs.	
Sharkstooth Scrim	42	Black	30' H x 60' W	1	90 lbs.	
Plastic / Projection Surface	44, 53	Rosco Twin White Plastic	30' H x 60' W	2	240 lbs.	
Fiber Optic Star Drop	43	Black	30' H x 60' W (3 Vertical Panels; 2 Fiber Trunks per Panel)	1	465 lbs.	
Rear Projection Screen	8	Da-Lite Curved Series 300 Lace and Grommet Frame	18' H x 32' W	1	240 lbs.	



	Lineset Schedule					
Lineset	Travel	Distance From Plaster Line	Name	Notes	Weight	
1		0' 6"	Red Grand Drape	Titan Adjustable Speed Motor	N/A	
2		1' 3"	#1 Black Border / Full Stage Black		16 wts.	
3		1' 10"	#1 Black Legs	22' From Center on Traveler Track	10 wts.	
4		2' 7"	#1 Electric + Audio Monitors - House Trim is 27'-0"	Power Assist Motors; Pipes Are Married	N/A	
5		3' 4"	#2 Electric - House Trim is 27'-0"	Tower Abolet Metere, Tiped 7 to Married	14//	
6	Travel:	4' 3"				
7	48'-3"	4' 11"	Barco HDX Projector		10 wts.	
8		5' 7"	Rear Projection Movie Screen	Da-Lite 18'H x 32'W	15 wts.	
9		6' 3"				
10		6' 11"				
11		7' 7"	#2 Black Border		7 wts.	
12		8' 3"	#2 Black Legs	22' From Center on Traveler Track	10 wts.	
13		9' 0"	#3 Electric - House Trim is 26'-0"	Power Assist Motors; Pipes Are Married	N/A	
14		9' 9"	#4 Electric - House Trim is 27'-0"	1 ower 7 todat Weters, 1 ipes 7 tre Married	14// (
15		10' 8"	Spare Batten Storage		20 wts.	
16		11' 4"				
17		12' 0"				
18		12' 8"				
19		13' 4"	Mid-Stage Split Black Curtain		27 wts.	
20		14' 0"	#3 Black Border		7 wts.	
21		14' 8"	#3 Black Leg - SR	22' From Center on Traveler Track	5 wts.	
22		15' 4"	#3 Black Leg - SL	22' From Center on Traveler Track	5 wts.	
23			16' 1" #5 Electric - House Trim is 26'-0" Power Assist Motors; Pipes Are Married		N/A	
24		16' 10"	#6 Electric - House Trim is 27'-0"	, ,	401	
25 26		17' 9" 18' 5"	Spare Batten Storage		19 wts.	
27		19' 1"				
28		19' 9"				
29		20' 5"				
30		21' 1"				
31		21' 9"	#4 Black Border		7 wts.	
32	Travel:	22' 5"	#4 Black Legs 22' From Center on Trave		10 wts.	
33	56'-6"	23' 2"	#7 Electric - House Trim is 26'-0"	Power Assist Motors; Pipes Are Married	N/A	
34	00 0	23' 11"	#8 Electric - House Trim is 27'-0"	, , , , , , , , , , , , , , , , , , ,		
35		24' 10"	Spare Batten Storage		20 wts.	
36 37		25' 6" 26' 2"				
38		26' 10"				
39		27' 10"	#9 Electric (Moving Lights) - House Trim is 28'-0"	Power Assist Motor	N/A	
40		28' 10"	#5 Black Border	. sws. / todat moto.	7 wts.	
41		29' 6"	#5 Black Legs	22' From Center on Traveler Track	10 wts.	
42		30' 2"	Black Sharkstooth Scrim		5 wts.	
43		30' 11"	Fiber Optic Star Drop		44 wts.	
44		31' 8"	Rosco Twin White Plastic (Front Projection Screen)		12 wts.	
45		32' 4"	#6 Black Border		7 wts.	
46 47		33' 0"	#10 Electric (Cyc Lights) House Trim is 201 0"	Power Assist Mater	NI/A	
48		33' 9" 34' 6"	#10 Electric (Cyc Lights) - House Trim is 28'-0"	Power Assist Motor	N/A	
49		35' 2"				
50		35' 10"	#6 Black Legs	22' From Center on Traveler Track	10 wts.	
51		36' 6"	,, o Discon Logo			
52		37' 2"	Rainbow Mylar		2 wts.	
53		37' 10"	Rosco Twin White Plastic (Bounce)		12 wts.	
54		38' 6"	Black Cross Over Curtain		16 wts.	

Linesets #2 through #12: Travel is 48'-3".

Linesets #1 and #13 through #54: Travel is 56'-7".

Loft blocks are permanently installed (ie, kicking sheaves in the grid to adjust lineset spacing is not possible).

House Electrics are on 22ft./min. Arbor Assist Motors.

Pipes are 1½" Schedule 40 and are 63' long.

Weights are ⅓" Cut Steel: 20lbs. Arbor maximum capacity is 1750 lbs.



Properties					
Item Quantity			Item	Quantity	
	1' Height	12	Wenger Roughneck Music Stands	60	
5' x 4' Plywood Riser Lids w/ Parallel Steel Frames	2' Height	12	Wenger Padded Musician Chairs	50	
w/ r drailer eteer r raines	3' Height	12	Aria LED Music Stand Lights	50	
	8' x 3'	8	Wenger Conductor's Podium, Stand, Chair & TechBridge	1	
Plastic Tables	6' x 3'	8	Rosco Black/White Dance Floor (60' L x 63" W)	8	
	4' x 3'	2	10 ft. Ballet Barres	4	

Wardrobe				
LG 4.5 ft³ Front-Loading Washing Machine with Steam Technology	1	Reliable G4 Professional Grade Fabric Steamer	2	
LG 7.4 ft³ Ultra Large Capacity SteamDryer	1	CHI Steam Iron for clothes	1	
6 ft. Rolling Clothes Rack	2	Ironing Board	1	

Backline Inventory Pianos Grand Piano Boston by Steinway & Sons 7' Grand Piano Yamaha M112 PE 44" Acoustic Upright Piano Yamaha M112 PE 44" Acoustic Upright Piano





House Drum Kit



Drum Kit - Mapex Saturn Series Silver Sparkle Drums				
22" Diameter x 18" Depth Bass Drum	10" x 8" Mounted Tom			
18" Diameter x 14" Depth Bass Drum	12" x 10" Mounted Tom			
14" x 5" Snare with 2.3mm Power Hoops	16" x 16" Floor Tom			
13" x 6" Black Panther Maple Snare Drum	14" x 14" Floor Tom			
14" x 6.5" Black Panther Hand-Hammered I	Brass "Sledgehammer" Snare Drum			
Drum Hardy	ware			
Mapex Falcon P1000TW Chain Drive Double Bass Drum Pedal	DW 9000 Double Bass Drum Pedal			
Gibralter Prowler 5611 Chain Drive Single Bass Drum Pedal	DW 9000 Single Bass Drum Pedal			
Mapex Snare Stand	DW 5000 Single Bass Drum Pedal			
Yamaha Snare Stand	DW 9000 Snare Drum Stand			
Percussion / Acc	cessories			
RhythmTech Hat Trick (High Ha	at Mounted Tambourine)			
LP 229 Mambo 9" Cowbell	Roc-N-Soc Drum Throne			
Zildjian Stick Bag	LP Microphone Claws			
8 ft. x 10ft. Drum Rugs	5 ft. x 7 ft. Drum Rugs			

Zildjian A-Custom Cymbals					
20" / 51cm Medium Ride Cymbal	20" / 51cm China Cymbal				
18" / 45cm Medium Thin Crash Cymbal	10" / 25cm Fast Splash Cymbal				
16" / 40cm Medium Thin Crash Cymbal	14" / 36cm New Beat High Hats				
14" / 36cm High Hats	14" / 36cm Master Sound High Hats				
Additional Cy	mbals				
Zildjian 19" K-Hybrid Crash Cymbal	Sabian 21" Ride Cymbal				
Zildjian 17" K-Hybrid Crash Cymbal	Sabian Solaris 14" High Hats				
Zildjian Avedis 16" Crash Cymbal					
Cymbal Sta	ınds				
(4) Mapex Combination Straight/Boom Cymbal Stands	Mapex Heavey Duty High Hat Stand				
DW 9000 2-Leg Hi-Hat Stand	"Dogbone" Boom Arm for Splash Cymbal				
DW Combo Cymbal Stand					



	Items Listed May Not Be Correct - Conta		
	Sound System		
	Mixing Console		
1 Solid St	ate Logic L500 Plus 256 Channel Digital Mixing System		
1 Solid	State Logic Blacklight II Audio System Signal Router		
	Stereo Main Arrays		
10 Left / 10 Right	Electro-Voice XLC (with DVX Driver) Full Range Cabinet		
5 Left / 5 Right	Electro-Voice XLC 2x15 Sub Enclosure		
	Stereo Delay Arrays		
6 Left / 6 Right	Electro-Voice XLC (with DVX Driver) Full Range Cabinet		
	Center Cluster		
6	Electro-Voice EVH-D15 Full Range Cabinet		
6	Electro-Voice EVF 2151D Sub Enclosure		
Pit Front Fill Speakers			
8	Electro-Voice EVU 1062/95		
Amplifiers			
38	Electro-Voice TG-5		
	Processing		
	FIR Processing via Electro-Voice IRIS-Net		
	Near Field Mixing Monitors		
2	Genelec 8250A		
1	Genelec Subwoofer		
1	Genelec 8020C		
	Rack Gear / Playback		
1	Tascam CD01U CD Player		
1	Tascam DV-RA1000HD Audio Recorder		
1	Rational Acoustics Smaart I/O		
2	MOTU Audio Express Digital I/O		
1	MacBook Pro with MOTU 828x Audio Interface and QLab 3 Pro Bundle License		

	. To Daniel License					
	Microphones					
[Dynamic Microphones	Small	Diaphragm Condenser Microphones			
2	Audix D6	5	AKG C451			
2	AKG D112	3	AKG C 460 B			
8	Beyerdynamic M 88	5	AKG SE300 B			
10	Electro-Voice N/D468	4	Audix SCX1			
3	Electro-Voice RE20	11	Neumann KM 184			
2	Neumann KMS 105	16	Shure KSM137			
1	Sennheiser MD409	9	Shure SM81			
4	Sennheiser e 609	7	Shure Beta 98			
8	Sennheiser e 906	2	Shure Beta 98A			
15	Sennheiser MD 421-II	Large	Diaphragm Condenser Microphones			
8	Sennheiser MD 441	6	Audio-Technica AT4050			
2	Shure SM48	11	AKG C414			
2	Shure Beta 52A		Specialty Microphones			
12	Shure SM57	13	AKG C519 - Instrument Clip-on Mic			
2	Shure Beta 57	8	Audio-Technica UA35A - Choir Mic			
6	Shure Beta 57A	6	Bartlett Audio Stage Floor Mic			
1	Shure PG58 w/ switch	2	Shure Beta 91A			
14	Shure SM58		Direct Input Boxes			
3	Shure SM58 w/ switch	17	Countryman Type 85 FET Active DI			
4	Shure Beta 58A	2	Whirlwind Director Passive DI			

MICLO	pnone	Stan	u
ma Mia S	Stond		

- 10 Atlas MS15 Tall Chrome Mic Stand
- 20 Atlas MS15 Tall Black Mic Stand
- 6 Atlas MS20 Tall Black Mic Stand
- 16 Atlas MS10 Tall Chrome Mic Stand
- 10 Atlas MS10 Tall Black Mic Stand
- 24 Atlas MS10 12" Short Black Mic Stand
- 2 Atlas MS10 6" Short Black Mic Stand
- 75 various telescopic boom arm

Paging & Show Program System

- TOA 9000M2 70v Mixer Amplifier for Paging System
- 1 TOA 900 Series II 70v Amplifier for Show Program
- 20 various 70v speakers

Cliff Presswood for Current Inventory Information						
Monitor Mix System						
Mixing Console						
1	Solid State Logic L500 Plus 256 Channel Digital Mixing System					
1	Midas PRO1 Digital Mixer (Back-up Console)					
	Wedge Monitors					
8	Electro-Voice XW12A 12" Wedge					
8	Electro-Voice XW15A 15" Wedge					
	Overhead Monitors					
2	Electro-Voice EVF-1152D Full Range Cabinet					
	Side Fill Monitors					
2	Electro-Voice EVF-1152D Full Range and EVF-2151D Sub					
	Drum Fill Monitors					
2	Electro-Voice EVF-1122D Full Range and EVF-2121S Sub					
Powered Monitors						
2	Galaxy Audio Hot Spot PA6S					
4	Behringer B205-D					
6	Anchor AN-130					
	Amplifiers					
15	Electro-Voice TG-5					
6	Crown XTI6002					
	Processing					
	FIR Processing via Electro-Voice IRIS-Net					
	Electro-Voice DC-ONE Processor (Drum and Side Fill Monitors)					
	Stage I/O Boxes					
8	Midas PRO SERIES DL451 Modular Stage Box					
1	Midas PRO SERIES DL151 Mic/Line Input Stage Box					
2	Midas PRO SERIES DL155 I/O Stage Box					
3	Midas PRO SERIES DL431 Mic Splitter					
	Rack Gear / Playback					
1	Tascam CD01U CD Player					
1	Tascam SS-CDR200 CF/SD Player					

Wireless Microphones

- 32 Shure Axient Wireless Receiver Channels running over Dante Digital I/O
- 32 Shure Axient Hand-Held transmitters w/ 14 Beta58; 12 KSM 8; 6 KSM 9 capsules w/ 32 charging slots with multiple battery changes available
- 32 Shure ADX 1 Body Packs w/ 32 charging slots with multiple battery changes available
- 32 DPA 4061 Omni directional lavalier microphones

Rigging supplies for 4061 lavalier microphones to facilitate various deployment needs All channels equipped with Showlink parameter telemetry

RF Venue low gain customizable multi element antenna system

Wireless In-Ear Monitors

- 8 true stereo Shure PSM 1000 wireless in-ear monitor transmitter channels
- 16 true stereo Shure P 10R+ wireless in-ear body pack receivers

w/ 16 charging slots with multiple battery changes available

16 Shure dual driver in-ear (earbud) monitors

RF Venue antenna system

Wired & Wireless Intercom

- 1 Clear-Com 4-Channel, 12-Matrix Base Station SB-412 A
- 1 Clear-Com 4-Channel, 10-Matrix Base Station SB-704
- 4 Clear-Com RM-440 4-Channel Remote Station
- 2 Clear-Com RM-120A 2-Channel Remote Station
- 20 Clear-Com KB-111 "King Biscuit" Listening Station
- 24 Clear-Com Beltpack/Headset

Clear-Com Freespeak II wireless intercom base station w/ distributed digital antenna

- 16 Clear-Com FSII-BP1G9 Belt pack transceivers
- 20 charging slots with multiple battery changes available
- 47 various Full-Sized and Lightweight Headsets

ADA Compliance

- 2 Listen LT-800 F/M Transmitter
- 24 Listen Display Receiver Belt Pack

Dante

Nixer RD 10 Dante Listening Station

2 CISCO Catalyst 2960L configured for Dante I/O

4 - Audio Rev. 3-1-2023



	Lighting Inventory					
	ETC Eos Lighting Consoles		ETC Eos Accessories			
Quantity	Item	Quantity	ltem			
2	ETC Eos TI Console (Front-of-House and Stage Right Booth)	1	Eos Motorized Fader Wing 20			
1	ETC Gio Console (Portable Remote Console)	1	Eos Motorized Fader Wing 10			
1	ETC Eos RPU3 Primary Processor (4,096 Outputs)	1	2x20 Universal Fader Wing			
1	ETC Eos RPU3 Tracking Backup Processor (4,096 Outputs)	1	2x10 Universal Fader Wing			
1	ETCnomad Puck (Front-of-House Designer Display)	1	ETC Net3 Show Control Gateway			

House Plot Fixtures			
Quantity Fixture Type		Wattage	
2	Lycian 1290XLT Follow Spots	2kW	
3	ETC Source 4 5°	750w	
23	ETC Source 4 10°	750w	
34	ETC Source 4 14°	750w	
43	ETC Source 4 19° 750w		
94	ETC Source 4 26° 575w		
128	ETC Source 4 36°	575w	
2	ETC Source 4 15° - 25° Zoom	750w	
72	ETC Source 4 PAR WFL	750w	
8	Selecon Aurora 4-Cell Cyc Unit	1kW per circuit	
8	Selecon Aurora 4-Cell Groundrow Unit	1kW per circuit	

	Spare Fixtures		
Quantity	Fixture Type Wattage		
50	ETC Source 4 Fixture Body	575w	
4	ETC Source 4 5° Lens		
15	ETC Source 4 10° Lens		
30	ETC Source 4 19º Lens		
40	ETC Source 4 26° Lens		
28	ETC Source 4 36° Lens		
20	ETC Source 4 50° Lens		
2	ETC Source 4 70° Lens		
12	ETC Source 4 PAR (VNSP, NSP, MFL or WFL)	750w	
3	ETC Source 4 Fresnel	750w	
12	PAR 64 (VNSP, NSP, MFL or WFL)	1kW	

Moving Lights & Intelligent Accessories				
13	Vari-Lite VL3000 Spot 1200w			
24	Vari-Lite VL2500 Spot 700w			
14	Vari-Lite VL2500 Wash 700w			
2	Martin Atomic 3000 Strobe	3000W		
11	Rosco I-Cue	17w, 24VDC		
11	City Theatrical DMX Iris 6w, 24VDC			
3	Apollo DMX Iris	14.5w, 24VDC		
8	ETC Selador Vivid-R 11" LED	125w		
4	Elation Sixpar 300IP	220w		
3	Chauvet COLORado 3 Solo	180w		
18	MiBoxer RGB+CCT LED Bulb 9w			
3	Rosco iPro Image Projector	120w		
1	18" Mirror Ball w/ American DJ DMX Motor	360w		

Atmosphere			
Use of Atmosphere Requires a Permit and Fire Marshal present			
2	Look Solutions Unique 2.1 Hazer	1500w	
2	Reel EFX DF-50 DMX Hazer	480w	
2	Barco FQ-100 Fog Machine	1500w	
4	Chauvet Pro Vesuvio II	1488.5w	
1	ADJ Entour Ice	3000w	
1	AquaFog 3300	3300w	

Star Drop		
30' H 2	x 60' W (3 Vertical Panels; 2 Fiber Trunks per Panel) on Lineset 43	
3	Martin RUSH FiberSource 1 LED Fiber Illuminator	
3	DiCon FiberLamp 5100	



Miller Outdoor Theatre Video Inventory		
Projector	Ва	arco HDX-W20 FLEX 20,000 Lumen HD Projector
		Barco 0.67 HD Fixed Lens
	Lenses:	Barco 0.68 – 0.87 HD Zoom Lens
		Christie 1.16 – 1.49 HD Zoom Lens
Projection	Rear Projection:	Da-Lite Curved Series 300 (18'H x 32'W on Lineset 8)
Surfaces	Front Projection:	Rosco Twin White Plastic (30'H x 60'W on Lineset 44 or 53)
		Barco PDS-902 Switcher
Rack Gear		Denon DN-500BD MKII Blu-Ray Player
Rack Geal		ArKaos Stage Server w/ 2 x DVI Inputs
	M	ac Pro with QLab 5 and Dante Virtual Soundcard
	Maximum distance from switcher to projector is 150'. Signal is over HD-SDI cable.	
		(4) Analog Via HD-15 (VGA Connector)
	Video Inputs:	(4) DVI-I (Supports both analog or DVI)
		(1) 3G SDI
Additional When used for front projection, projector hangs on Lineset 7 (Linesets 6, & 8 - 10 0 Image is projected onto the Rosco Twin White Plastic on Lineset 44 of the Rosco Twin White Plastic Of the Rosc		
	Image Size on Lineset 44:	22'-6"H x 38'-6"W
	Image Size on Lineset 53:	22'-8"H x 44'-0"W - the image does not stay true to its 16:9 aspect ratio
	When used for rear projection, projector rests on a stand upstage. Image is projected onto the Da-Lite 18'H x 32'W on lineset 8.	
	Preferred Aspect Ratio: 16:9	Preferred Resolution: 1920 x 1080
Preferred File	Audio Files: AIFF or WAV are preferred over MP3 or M4A	
Formats	Image Files: JPEG or PNG are preferred over PowerPoint or Keynote	
	Video Files: ProRes 422 is p	referred over H.264 or H.265

Typical Front Projection Setup using the Plastic on Lineset 44

