MILLER OUTDOOR THEATRE
IN HERMANN PARK

Miller Outdoor Theatre Tech Pack

Production Manager Ciara Ayala
cayala@milleroutdoortheatre.com
832-487-7134



Miller Outdoor Theatre Tech Pack

- Page 2 Table of Contents
- Page 3 Map of Hermann Park
- Page 4 Stage Info & Drapes
- Page 5 Props, Wardrobe, Backline
- Page 6 Audio Inventory
- Page 7 Lighting Inventory
- Page 8 Video Inventory
- Page 9 Lineset Schedule




Houston Museum of Natural Science
McGovern Centennial Gardens
(Opening October 2014)
M. D. ANDERSON STATION
Mary Gibbs and Jesse H. Jones Reflection Pool
Japanese Garden
Miller Outdoor Theatre
Marvin Taylor Exercise Trail
McGovern Lake
Buddy Carruth Playground For All Children
Lake Plaza
Judson Robinson Community Center
Hermann Park Golf Course
Golf Course Club House
Greenway Trail
Houston Zoo
Bayou Parkland
SAN JACINTO ST.
HERMANN DR.
HERMANN PARK DR.
MAIN ST.
FANNIN ST.
CAMBRIDGE
CRAWFORD ST.
JACKSON ST.
HERMANN PARK DR.
NORTH MACGREGOR WAY
SOUTH MACGREGOR WAY
ALMEDA RD.
DIXIE RD.
BRAESWOOD BLVD.
CAMBRIDGE
HOLCOMBE BLVD.
N
A
B
C
D
E
F
G
H
I
J
K
L
M
P
S

Stage Info Drapes

Miller Outdoor Theatre Stage & House Information		
Building Capacities	Maximum Building Occupancy	1583
	Seating Capacity in the Covered Seating Area	1704 seats + 20 wheelchair spaces
	Approximate Seating Capacity on the Hill	6000 (Blankets) / 9000 (Standing)
Stage Dimensions	Proscenium Width	58' 8"
	Proscenium Height	25’ 10”
	Stage Width	65' 2"
	Stage Depth (Curtain to Back Wall)	42' 2"
	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"
Fly Rail	System Pipes	54
	System Pipe Length	1½” Schedule 40; 63' long
	Pipe Trim #2-12 (Split Rail)	High trim 52' 1"; Low trim 3' 10" (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"
	Note: The Loading Dock is at street level. A ramp, fork lift, or lift gate is required for unloading trucks.	
Orchestra Pit	Orchestra Pit Width	74' 6"
	Orchestra Pit Depth	17' 10" at Center Line
	Total Sq. Footage	1,129 sq. ft.
	Orchestra Pit Rate of Travel (DOWN)	1 Minute 6 Seconds
	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 (2 Panels)	1	32 oz. Cherry IFR; 100% Fullness	30' H x 63' W (7’ Overlap @ Center)	1	780 lbs.
Split Black (2 Panels)	20, 54	25 oz. Black IFR; Flat	30' H x 34' W (Each Panel)	2	390 lbs.
Black Border / Full Black	2	25 oz. Black IFR; Flat	30' H x 60' W	1	300 lbs.
Black Borders	11, 21, 31, 40, 45	25 oz. Black IFR; Flat	10' H x 60' W	6	120 lbs.
Black Legs (on Traveler Track)	3, 12, 22, 32, 41, 50	25 oz. Black IFR; Flat	30' H x 15' W	6 Pairs	150 lbs.
Sharkstooth Scrim	42	Black IFR	30' H x 60' W	2	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.

Properties

Item		Quantity
5' x 4' Plywood Riser Lids w/ Parallel Steel Frames	1' Height	12
	2' Height	12
	3' Height	12
Plastic Tables	8' x 3'	8
	6' x 3'	8
	4' x 3'	2
Wenger Conductor's Podium, Stand, Chair & TechBridge		1

Item	Quantity
Wenger Roughneck Music Stands	60
Wenger Padded Musician Chairs	50
Aria LED Music Stand Lights	50
Standard Black Bar Stools, no cusion	6
Standard Blonde Bar Stools, no cusion	4
Rosco Black/White Dance Floor (60' L x 63" W)	8
10 ft. Ballet Barres	4
Portable Number Line (44' L x 4" W with numbers every 2')	1

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	Singer Classic 44S Sewing Machine	1

Backline Inventory

Grand Piano	House Drum Kit
Mason & Hamlin Virtuoso X Series Model CC 9'-4" Grand Piano, Tuned to A440	Specifications Below





House Drum Kit

May have additional items not listed below - Contact Cliff Presswood for additional house drum kit information

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 Brass "Sledgehammer" Snare Drum	

Drum Hardware	
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 / Accessories	
RhythmTech Hat Trick (High Hat 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 Cymbals	
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 Stands	
(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	

Audio Inventory

Sound System

Mixing Console

1	Solid State 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 X12i-128 subwoofer enclosure

Stereo Delay Arrays

6 Left / 6 Right	Electro-Voice XLC (with DVX Driver) Full Range Cabinet
2 Left / 2 Right	Electro-Voice X12i-128 subwoofer enclosure

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

4	Dynacord IPX 20.4
16	Dynacord IPX 10.4

Processing

FIR Processing via Electro-Voice MXE-5 (Sonicue)

Near Field Monitors

2	Genelec 8250A
1	Genelec Subwoofer

Rack Gear / Playback

1	Tascam CD01U CD Player
1	Tascam DV-RA1000HD Audio Recorder
2	Apple Mac Studio running QLab 5.4.9 & SMAART 8
2	MOTU Audio Express Digital I/O (SMAART interface)
2	UAD Apollo X16D (QLab interface & Plug-in host)

Microphones

Dynamic Microphones

2	Audix D6
2	AKG D112
7	Beyerdynamic M 88
2	Shure SM7B
2	Shure Super 55
2	Electro-Voice RE20
2	Neumann KMS 105
1	Sennheiser MD409
4	Sennheiser e 609
8	Sennheiser e 906
15	Sennheiser MD 421-II
7	Sennheiser MD 441
2	Shure SM48
2	Shure Beta 52A
11	Shure SM57
2	Shure Beta 57
6	Shure Beta 57A
1	Shure PG58 w/ switch
13	Shure SM58
3	Shure SM58 w/ switch
3	Shure Beta 58A
9	Earthworks DM20
2	Earthworks DM6
4	Earthworks SR25
1	Earthworks 314
2	Shure Beta 52A
10	Electro-Voice ND868

Small Diaphragm Condenser Microphones

4	AKG C451
3	AKG C 460 B
6	AT 8035 Shotgun
5	AKG SE300 B
2	Neumann KM 140
10	Neumann KM 184
16	Shure KSM137
9	Shure SM81
7	Shure Beta 98
2	Shure Beta 98A

Large Diaphragm Condenser Microphones

6	Audio-Technica AT4050
11	AKG C414

Specialty Microphones

12	AKG C519 - Instrument Clip-on Mic
8	Audio-Technica UA35A - Choir Mic
6	Bartlett Audio Stage Floor Mic
2	Shure Beta 91A

Direct Input Boxes

6	Radial Duplex passive stereo di
6	Radial JDI passive mono di
6	Radial J48 active mono di
2	Radial J48 active stereo di
2	A-Designs REDDI mono tube di
2	Radial Firefly dual input mono tube di
2	Radial JDV dual input mono FET di
2	Radial JPC "computer" stereo di
2	Radial BT Pro Bluetooth stereo di
2	Radial USB Pro stereo di

Microphone Stands

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
8	Atlas "tri-pod' tall mic stand with boom arm
8	Atlas "tri-pod" short mic stand with boom arm

Paging & Show Program System

2	Bosch Plena Matrix mixer
3	Electro-Voice CPS 4.10 amplifier
20	various 70v speakers

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-66 Full Range Cabinet

Side Fill Monitors

4	Electro-Voice EVF-1152D Full Range and XLC 215 Sub

Drum Fill Monitors

2	Electro-Voice EVF-1122D Full Range and EVF-2151 Sub

Powered Monitors

2	Galaxy Audio Hot Spot PA6S
4	Behringer B205-D
6	Anchor AN-130

Amplifiers

6	Dynacord IPX 10.8
15	Electro-Voice TG 5

Processing

FIR Processing Electro-Voice MXE 5 (Sonicue)
Electro-Voice N8000 (I.R.I.S. Net)

Stage I/O Boxes

6	Solid State Logic SBi 16 Dante input box
1	Solid State Logic SB32:24
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

Rack Gear / Playback

3	Midas PRO SERIES DL431 Mic Splitter
1	Tascam CD01U CD Player
1	Tascam SS-CDR200 CF/SD Player
2	Apple Mac Studio running QLab 5.4.9
1	iConnectivity PlayAudio 1U (computer interface)
1	Tascam ML16-D (Dante interface)

Wireless Microphones

36	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
	3 Earthworks 314; 1 Shure Beta 87
	All transmitter equipped with rechargeable batteries and multiple changes
36	Shure ADX 1 Body Packs w/ 32 charging slots with multiple battery changes available
36	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, 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
1	Clear-Com Freespeak II wireless intercom base station w/ distributed antenna system
20	Clear-Com FSII-BP1G9 Belt pack transceivers
20	charging slots with multiple battery changes available
47	various Full-Sized and Lightweight Headsets
20	Clear-Com KB-111 "King Biscuit" Listening Station
24	Clear-Com Beltpack/Headset
20	charging slots with multiple battery changes available
47	various Full-Sized and Lightweight Headsets

Personal Mixing System (aviom type)

1	LiveMix Mix 32 central mixer Dante
12	LiveMix CS Duo
22	Audio Technica ATH-M40x headphone

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

Lighting Inventory

ETC Eos Multi-Console Lighting Control

EOS Apex Processor Primary (24,576 Outputs)
(1) EOS RPU3 Expansion Processor (24,576 Outputs)
(1) Eos Apex 20 Client Conole for FOH Programming / Busking
(2) Eos Ti Client Consoles for Backstage Programming
EOS Puck for Front-of-House Designer Display
Eos Motorized Fader Wing 20 for Additional Playback / Busking

Personnel Lifts

Type	Weight	Quantity	Max. Platform Height
Genie Runabout GR-20	2,513 lbs.	1	19'-11"
Genie Aerial Work Platform AWP-30S	777 lbs.	1	29'-6"

Note: The GR-20 may not be used on the House Marley Dance Floor

House Plot Fixtures

Fixture Type		Quantity	Wattage
Lycian 1293 X3K Follow Spots		1	3kW
ETC Source 4 ERS	5°	3	750w
	10°	16	
	14°	22	
	19°	32	
	26°	81	
	36°	84	
	50°	8	
	15° - 25° Zoom	2	
Series 3 Lustr X8	36° XDLT	16	307w
ETC ColorSource Spot VXT	10°	5	239w
	14°	4	
	19°	7	
ETC CS Spot V	36°	10	197w
ETC ColorSource Fresnel V MAX		6	208w
ETC Source 4 PAR - WFL		72	750w
Selecon Aurora	4-Cell Cyc Unit	8	1kW per circuit
	4-Cell Groundrow Unit	8	

Spare Fixtures

Fixture Type		Quantity	Wattage
ETC Source 4 ERS Fixture Body		4	750w
ETC Source4 Lenses	5º	4	
	10º	15	
	19º	30	
	26º	40	
	36º	28	
	50º	12	
	70º	2	
ETC Source 4 PAR (VNSP, NSP, MFL or WFL)		12	750w
ETC Source 4 Fresnel		3	750w
Lightwave Research Multiray		3	575w
PAR 64 (VNSP, NSP, MFL or WFL)		12	1kW

Star Drop

30' H x 60' W (3 Vertical Panels; 2 Fiber Trunks per Panel) on Lineset 43

Fixture Type	Quantity	Wattage
Martin RUSH FiberSource 1 LED Fiber Illuminator	3	78w
DiCon FiberLamp 5100	3	96w

Moving Lights & Intelligent Accessories

Fixture Type			Quantity	Wattage
Moving Lights	Vari-Lite	VL4000 Spot	20	1200w
		VL4000 BeamWash	4	1200w
		VL500D Wash	6	1200w
	Martin	MAC Viper Wash DX	16	1225w
		VL500D Wash	6	1200w
S4 Accs.		Rosco I-Cue	12	17w, 24VDC
		City Theatrical DMX Iris	11	6w, 24VDC
		Apollo DMX Iris	2	14.5w, 24VDC
		Rosco iPro Image Projector	3	120w
		Rosco RevoPRO Dual Gobo Rotator	2	120w
LEDs		ETC Selador Vivid-R 11" LED	8	125w
		SL Strip 10 IP	10	100w
		SL NITRO 510C	2	582w
		Astera Titan Tube	8	48w
		MiBoxer RGB+CCT LED Bulb	18	9w
Other		City Theatrical 5" Candle Stick Lite	2	1.1w, 7.5VDC
		18" Mirror Ball w/ American DJ DMX Motor	1	360w

Atmosphere

Note: Use of Atmosphere Requires a Permit and Fire Marshal to be present

Fixture Type	Fluid Type	y	Wattage
Look Solutions Unique 2.1 Hazer	Triethylene Glycol (aka, TEG)	1	1500w
Reel EFX DF-50 DMX Hazer		2	480w
Barco FQ-100 Fog Machine		2	1500w
Chauvet DJ Cumulus HP	PG / PEG	2	1608w
American DJ Entour Ice	25 lbs Dry Ice	2	3000w

Top Hats, Color Extenders, Barndoors

		Size	Quantity
Top Hats	For 5º Source4	14" x 14" x 12"	3
	For 10º Source4	12" x 12" x 10"	22
	For 14º Source4	7.5" x 7.5" x 6"	34
	For 19º/26º/36º Source4	6.25" x 6.25" x 5"	16
	For 50º Source4	6.25" x 6.25" x 3"	6
Half Hats	For 19º/26º/36º Source4	6.25" x 6.25" x 5"	16
Color Extenders	For 19º/26º/36º Source4	6.25" x 6.25" x 5"	40
	For 50º Source4	6.25" x 6.25" x 3"	10
4-Leaf Barn Doors	For Source4 Pars	7.5" dia.	21
	For Source4 Fresnels	7.5" x 7.5"	3

Template Holders

		Quantity	Size
Sandwich-Style Gobo Holders	For Steel Gobos	87	A - 100mm
		44	B - 86mm
	For Glass Gobos	6	BG - 79mm
		2	B - 86mm
Rosco Universal Iris Slot Holder		2	B - 86mm

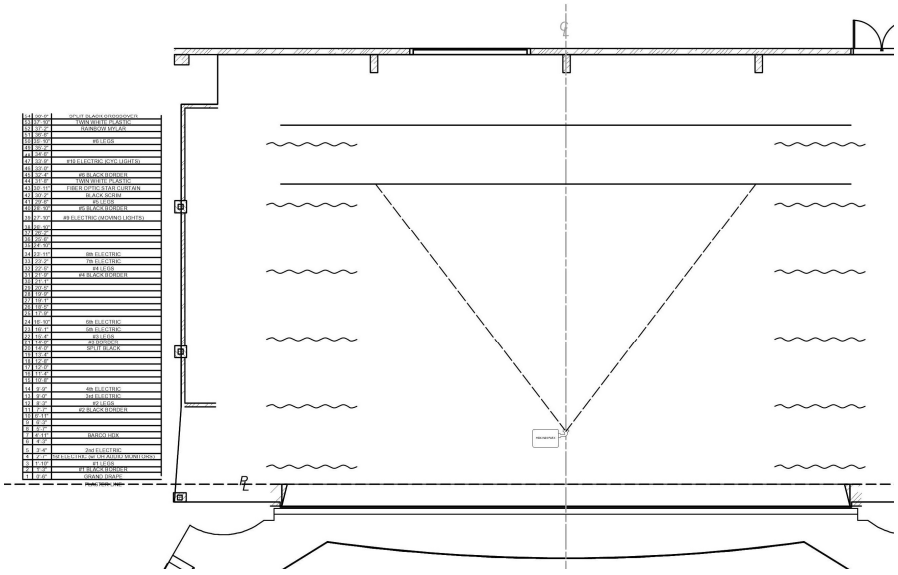
Other Accessories

	Quantity	Size
City Theatrical Safer Side Arm	16	24"
	16	18"
City Theatrical Source4 Follow-Spot Handle	2	
City Theatrical Drop-In Source4 Iris	14	

Video Inventory

Primary Projector	**Epson EB-PQ2220B 20,000-Lumen 4K 3LCD Laser Projector**	
	Lens:	Epson ELPLU04 Short Throw (0.62 – 0.75):1 Zoom Lens
Back-up Projectors	**Barco HDX-W20 FLEX 20,000-Lumen HD DLP Projector**	
	Lenses:	Barco R9862000 HB TLD+ WUXGA 0.67:1 Ultra Short Throw Fixed Lens Barco R9862001 HB TLD+ HD/WUXGA (0.68 – 0.87):1 Ultra Short Throw 90° Zoom Lens Christie SXGA+ (1.26 – 1.61): 1 Short Throw Zoom Lens
	Christie Roadster HD18K 18,000-Lumen HD DLP Projector	
	Lenses:	Barco R9862020 HB TDL+ Zoom SXGA+ (2.0 – 2.8):1 Lens Barco R9862030 HB TDL+ Zoom SXGA+ (2.8 – 4.5):1 Lens
Projection Surfaces	**Rear Projection:**	Da-Lite Curved Series 300 (18'H x 32'W)
	Front Projection:	Rosco Twin White Plastic (30'H x 60'W on Lineset 44 or 53)
Switcher	**Blackmagic Design ATEM 1 M/E Constellation 4K**	Video Inputs: (10) 12G-SDI Video Outputs: (6) 12G-SDI
Additional Rack Equipment	**Tascam BD-MP4K Blu-ray Disc Player**	
	MOT Windows 11 Media Server w/ Dual DVI Video Inputs Video Software:	Resolume Arena 7
	Rackmount Mac Studio M3 Ultra (2025) Video Software:	Millumin 5, Qlab 5, Isadora 3, Keynote, PowerPoint
Additional Notes	When used for rear projection, projector typically rests on a floor stand upstage. Image is projected onto the Da-Lite 18'H x 32'W on Lineset 8.	
	When used for front projection, projector hangs on Lineset 7 (Linesets 6, & 8 - 10 CANNOT be used). Image is projected onto the Rosco Twin White Plastic on Lineset 44 or 53. **Image Size on Lineset 44:** 22'-6"H x 38'-6"W **Image Size on Lineset 53:** 22'-8"H x 44'-0"W (NOTE- the image distorts, stretching horizontally)	
Preferred File Formats	Preferred Aspect Ratio: 16:9 Preferred Resolution: 3840 x 2160 (aka, 4K) Audio Files: AIFF or WAV are preferred over MP3 or M4A Image Files: JPEG or PNG are preferred over PowerPoint or Keynote Video Files: MOV are preferred over MP4 or AVI or WMV; ProRes 422 or H.A.P. codecs are preferred over H.264 or H.265	
Portable Video Equipment	**Conductor Cameras:** (1) Marshall CV503, (1) Marshall CV503-WP, (1) AIDA HD-NDI-CUBE **Portable Video Monitors:** (3) 31.5" Lilliput 12G-SDI/HDMI, (5) 10.1" Lilliput 4K HDMI/3G-SDI, (1) MOGX Pro 32" SDI/HDMI Teleprompter (Note: Screen only - no teleprompter software)	

Typical Front Projection Setup using the Plastic on Lineset 44



Lineset Schedule

Lineset	Travel	Distance From Plaster Line	Name	Notes	Weight
1		0' 6"	Red Grand Drape	Titan Adjustable Speed Motor	40 wts.
2	Travel: 48'-3"	1' 3"	#1 Black Border / Full Stage Black	30' H x 60' W	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"		
6		4' 3"			
7		4' 11"	Barco HDX-W20 Flex Projector		10 wts.
8		5' 7"			
9		6' 3"			
10		6' 11"			
11		7' 7"	#2 Black Border	10' H x 60' W	7 wts.
12		8' 3"	#2 Black Legs	22' From Center on Traveler Track	10 wts.
13	Travel: 56'-6"	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"		
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	2 Panels - 30' H x 34' W each	27 wts.
20		14' 0"			
21		14' 8"	#3 Black Border	10' H x 60' W	7 wts.
22		15' 4"	#3 Black Legs	22' From Center on Traveler Track	10 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"		
25		17' 9"	Spare Batten Storage		19 wts.
26		18' 5"			
27		19' 1"			
28		19' 9"			
29		20' 5"			
30		21' 1"			
31		21' 9"	#4 Black Border	10' H x 60' W	7 wts.
32		22' 5"	#4 Black Legs	22' From Center on Traveler Track	10 wts.
33		23' 2"	#7 Electric - House Trim is 26'-0"	Power Assist Motors; Pipes Are Married	N/A
34		23' 11"	#8 Electric - House Trim is 27'-0"		
35		24' 10"	Spare Batten Storage		19 wts.
36		25' 6"			
37		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	10' H x 60' W	7 wts.
41		29' 6"	#5 Black Legs	22' From Center on Traveler Track	10 wts.
42		30' 2"	Black Sharkstooth Scrim	30' H x 60' W	5 wts.
43		30' 11"	Fiber Optic Star Drop	30' H x 60' W	44 wts.
44		31' 8"	Rosco Twin White Plastic (Front Projection Screen)	30' H x 60' W	11 wts.
45		32' 4"	#6 Black Border	10' H x 60' W	7 wts.
46		33' 0"			
47		33' 9"	#10 Electric (Cyc Lights) - House Trim is 28'-0"	Power Assist Motor	N/A
48		34' 6"			
49		35' 2"			
50		35' 10"	#6 Black Legs	22' From Center on Traveler Track	10 wts.
51		36' 6"			
52		37' 2"	Rainbow Mylar		3 wts.
53		37' 10"	Rosco Twin White Plastic (Bounce)	30' H x 60' W	11 wts.
54		38' 6"	Black Crossover Curtain	2 Panels - 30' H x 34' W each	16 wts.

Loft blocks are permanently installed (ie, kicking sheaves in the grid to adjust lineset spacing is not possible).
Battens are 63' long 1½" Sch. 40 black pipe.
Weights are ⅞" Cut Steel: 20lbs. each.
Maximum Arbor Capacity is 1750 lbs.
House Electrics are on 22ft./min. Arbor Assist Motors.
Linesets #1 and #13 through #54: Travel from 4'-0" to 60'-6" above the deck (ie, 56'-6" of maximum total travel distance)
Linesets #2 through #12: Travel from 3'-10" to 52'-1" above the deck (ie, 48'-3" of maximum total travel distance)