

# **MANSHIP THEATRE TECHNICAL DATA**

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## **AUDITORIUM SEATING-MARQUEE**

325 seats (wheelchairs may use up to six of these seats). Theatre seat removal is **PROHIBITED** without the advance approval of Director of Production/ Technical Director.

## **STAGE DIMENSIONS**

- Proscenium opening.....Variable 33'-0" to 40'-0"
- Proscenium Height.....24'-0"
- Curtain Line to DS Edge.....3'-4"
- Stage Depth.....32'-6"
- Stage Width.....67'-0" +3'0" rigging wall
- Grid Height.....65'-0"

## **RIGGING**

- 34 general purpose counterweight line sets (1200lb capacity)
- 1 Grand drape counterweight line set
- 2 under gallery tab drapes on tracks

## **BACKSTAGE FACILITIES**

- Loading Dock capacity: 32'-0" deep x 20'-0" wide with two dock lifts
- SL to SR Crossover directly behind stage
- Wrap around pin rail
- Kitchenette with refrigerator, and dishwasher

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## **DRESSING ROOMS:**

- 1 star dressing room
- 3 six person dressing rooms
- 1 laundry room with washer dryer

(All dressing rooms have attached bathrooms, star dressing room and two six person rooms complete with shower, one six person room with restroom).

## **ROAD COMPANY AND TELE-PRODUCTION**

Bulkhead in loading dock containing:

- 2 video tie lines
- 24 microphone lines
- 6 line level tie lines
- 2 channel intercom connection

## **STAGE POWER (LIGHTING & AC POWER)**

- SR – 400 amp company switch
- USL – 100 amp company switch
- Loading dock – 100 amp disconnect
- Catwalk – 60 amp disconnect
- Multiple outlets around stage, including isolated ground outlets

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## STAGE LIGHTING CONTROL AND POWER

- ETC ION
- Ethernet based system
- House Lights controlled by remote units around theatre and master control unit in control booth, or can be controlled by lighting console
- 288 - 2.4 kw dimmers
- 42 house light dimmers
- Center house patch bay allowing for in house focus, cue to cue etc.

<b>Lighting Fixture Inventory</b>				
Qty.	Instrument	Lamp	Wattage	Make/Model
113	ETC Source Four Ellipsoidal	HBL	750	ETC/410B
40	6" Fresnel	BTR	750	Altman
72	ETC Source Four Par	HBL	750	ETC/S4PAR
12	3 Circuit 16 Strip Light	MR 16	75	L&E/6560
2	Ultra Arc Follow Spot	HTI	400	Lycian/1266
6	Mac Quantum Profile	LED	475 LED	Martin
2	Rogue R3	LED		Chauvet
8	Rush PAR2	LED		Martin
10	RGBW LED Strip	LED	n/a	Blizzard/Stormchaser
21	SlimPar64	LED		Chauvet
<b>Lens Inventory</b>				
Lens	Fixture	Qty.		
5 Degree	ETC Source Four Ellipsoidal	2		
10 Degree	ETC Source Four Ellipsoidal	8		
19 Degree	ETC Source Four Ellipsoidal	52		
19 Degree HD	ETC Source Four Ellipsoidal	10		
26 Degree	ETC Source Four Ellipsoidal	37		
36 Degree	ETC Source Four Ellipsoidal	36		
50 Degree	ETC Source Four Ellipsoidal	4		
Vary Narrow Spot	ETC Source Four Par	52		
Narrow Spot	ETC Source Four Par	29		
Medium Flood	ETC Source Four Par	29		
Wide Flood	ETC Source Four Par	65		
<b>Lighting Accessories</b>				
Item	Description	Qty.		
Top Hats	For ETC Source Four Par	15		
Top Hats	For ETC Source Four Ellipsoidal	24		
Iris	For ETC Source Four Ellipsoidal	15		
Donuts	For ETC Source Four Ellipsoidal	8		
Side-arms	Mixture of both 16" and 24"	25		
Dance Booms	12' x 1.5" pipe with 50lb base	6		
Dance Boom	12' x 1.5 pipe with caster base	2		

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**NOTE:** Lighting fixture and lens inventory subject to change.

## STAGE AUDIO EQUIPMENT

<b>Console Systems</b>				
Systems:	Item:	Category	Qty.	
Option #1 (FOH typical)	Soundcraft Vi3000	Console	1	
	Soundcraft Compact Stagebox	Stagebox	1	
	Soundcraft ViO-LO	Option Card	1	
Option #2 (Mon. Typical)	Yamaha CL5	Console	1	
	Yamaha Rio 3224-D	Stagebox	1	
	Yamaha Rio 1608-D	Stagebox	1	
Option #3	Yamaha LS9-32	Console	1	
	Yamaha MY16-ES64	Stagebox	1	
	Yamaha MY16-EX	Network Card	1	
	Yamaha SB168-ES	Network Card	3	
<b>P/A Speakers &amp; Amplifiers</b>				
Type	Speaker Mfr./Make	Qty.	Amplifier Mfr./Model	Qty.
Mains	JBL AM6212/95	4	QSC CX1102	2
Subwoofer	JBL STX828s	2	QSC CX1102	2
Front Fills (#1)	JBL Control 126	4	QSC CX502	1
Front Fills (#2)	JBL VRX928LA	4	Crown Macro-Tech 2400	1
Balcony Fills	JBL Control 25	6	QSC CX404	2
<b>P/A Processor</b>				
System	Item	Category	Qty.	
System processor	Biamp Audia Flex w/ IP-2 cards	Input Interface	1	
	Biamp Audia Flex w/ OP-2e cards	Output Interface	1	
	Biamp Audia	Software	1	
<b>Stage Monitors &amp; Amplifiers</b>				
Item	Category			Qty
JBL SRX 712M	Passive Stage Monitor (12" x 3")			6
JBL MP412	Passive Stage Monitor (12" x 1")			4
JBL SRX 718S	Passive Subwoofer (18")			2
JBL ABS6118	Passive Subwoofer (18")			2
Nexo PS8	Passive Stage Monitor (8" x 1")			2
Nexo PS10	Passive Stage Monitor (10" x 1")			6
Crown XTi 6002	Power Amplifier			5
Crown I-Tech I-T4000	Power Amplifier			2
Nexo NXAMP 4x1	Power Amplifier			2
Sennheiser ew 300 G3 IEM	In-ear Monitor			1
<b>Misc. Processors &amp; Outboard Equipment (Dependent on availability)</b>				
Item	Description			Qty
Rane ME 60S	2 channel graphic equalizer			3

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DBX 166XL	2 channel compressor	2	
TC Electronic M-One XL	Dual effects signal processor	1	
Lexicon MPX-1	Multi Effects Processor	1	
Presonus Eureka	1-channel Channel Strip	3	
Presonus ADL600	2-channel tube preamp	1	
<b>Accessories (Dependent on availability)</b>			
Item	Description	Qty.	
Round Base Straight Stand	Microphone Stand	6	
Tall boom stand	Microphone Stand	16	
Medium boom stand	Microphone Stand	9	
Short Boom Stand	Microphone Stand	11	
Cab Grabber	Microphone Stand	3	
Cab Grabber XL	Microphone Stand	1	
48 Channel Split Snake	Stage input split snake	1	
8 channel snake (25')	Sub Snake	4	
8 Channel snake (50')	Sub Snake	2	
12 channel snake (10')	Sub Snake	1	
12 channel snake (50')	Sub Snake	1	
16x4 channel snake (50')	Sub Snake	1	
16x4 channel snake (100')	Sub Snake	2	
24x4 channel snake (100')	Sub Snake	1	
Midas Easy-tilt	Console Stand	2	
<b>Microphones &amp; DI boxes (Dependent on availability)</b>			
Item	Description	Pattern:	Qty.
Shure SM58	Dynamic	Cardioid	8
Shure SM57	Dynamic	Cardioid	10
Shure Beta81	Small Diaphragm Condenser	Cardioid	5
Shure KSM27	Large Diaphragm Condenser	Cardioid	2
Shure ULXP4	Wireless HH & Belt-pack	Cardioid	10
Shure PG52	Dynamic	Cardioid	1
Shure PG56	Dynamic	Cardioid	3
Shure PG81	Small Diaphragm Condenser	Cardioid	2
Shure Beta58	Dynamic	Super-cardioid	1
Shure Beta87c	Electret Biased Condenser	Cardioid	4
Shure Beta 98	Electret Condenser (Mini)	Cardioid	3
Sennheiser MD421	Dynamic	Cardioid	2
Sennheiser e609	Dynamic	Super-cardioid	2
Sennheiser e614	Small Diaphragm Condenser	Super-cardioid	2
Audix OM5	Dynamic	Hyper-cardioid	2
Audix OM6	Dynamic	Hyper-cardioid	2
Audix SCX25a	Large Diaphragm Condenser	Cardioid	2
Audix D6	Dynamic	Cardioid	1
Audix D4	Dynamic	Hyper-cardioid	1
Audix D2	Dynamic	Hyper-cardioid	2
Audix i5	Dynamic	Cardioid	1

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Rode NT4	X/Y Stereo Condenser	Paired Cardioid	1
Crown PC160	Electret Condenser (Boundary)	Super-cardioid	2
Crown PC170	Electret Condenser (Boundary)	Super-cardioid	2
Instruments (Dependent on availability)			
Item	Description		Qty.
Yamaha CFIII	9' Concert Grand Piano		1
Pearl River UP118E	Upright Piano		1
Communication Systems			
Item	Description		Qty.
Clear-Com WBS-680	Wireless Communication Base Station		2
Clear-Com WTR-680	Wireless Belt-pack		7
Clear-Com RCS-2000	2 Channel Party-line		1
Wired Belt-packs	Single Channel wired belt-pack		6

## VIDEO

Video			
Item	Description		Qty.
Christie CP2220	Cinema Projector (with 1.8-3.0 HB Zoom lens)		1
Sanyo PLC-XF45	Presentation Projector		1
Tascam DV-D6500	DVD Player		1
Denon DN-V500BD	Blu-Ray Player		1
Video Switcher	Kramer VP-731		1
Dolby DSS200	Digital Cinema Server		1
DolbyCP750	Digital Cinema Processor		1
Crown DSi4000	Cinema Amplifier		3
Crown DSi2000	Cinema Amplifier		3
JBL 5732	Tri-Amplified Cinema Loudspeaker System		3
Gateway NV51B15u Laptop	Windows Laptop (OS is Windows 7)		1
Apple MacBook Pro	Apple Laptop (OS is Yosemite 10.10)		1

## STAGING

Staging (Dependent on availability)			
Item	Description		Qty
8' x 4' Stage Platform	8" – 16" height		4
8' x 4' Stage Platform	24" height		11
2 stair unit	Stair unit fits all stage platforms		2
Amramp	Modular wheelchair ramp		1
Dance platform	4' x 4' x 18" (W x D x H)		1
Dance floor	50' x 5'3" rolls of Black Marley		5
Rug #1	13' x 9'9"		1
Rug #2	10'2" x 7'5"		1

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Rug #3	7' x 5'	1
Red Carpet	20' x 5'	1
Padded Orchestra Chairs	Black 19" tall seat	22
Padded Round Wooden Stools	30" Tall	5
Round Wooden Stools	30" Tall	5
Rectangular Wooden Stools	30" Tall	4
Standard Music Stands	Adjustable in height	32
Music Stand Lights	Non-LED	17

### FLY RAIL AND SOFT GOODS

#### RIGGING

34 General purpose counterweight line sets 1200 lb capacity

1 Grand drape counterweight line sets

Soft Goods					
Soft Good	Width	Height	Fullness	Material	Color
House Curtain	2 Panel 28'-0"	28'-0"	100%	Velour	Fern Green
Legs -5 pairs	14'-0"	30'-0"	Flat	Velour	Black
Side Tabs 2 pair	14'-0"	25'-0"	Flat	Velour	Black
Borders x5	50'-0"	10'-0"	Flat	Velour	Black
Traveler 2 panels	26'-6"	30'-0"	Flat	Velour	Black
Scrim	48'-0"	29'-0"	N/A	Seamless Sharktooth	Black
Cyclorama	50'-0"	29'-0"	N/A	Seamless muslin	White

Fly-rail Layout		
Line Set	Distance	Item
0	0'-8"	N/A
1	1'-4"	Main Curtain
2	2'-2"	1 <sup>st</sup> Border
3	2'-10"	1 <sup>st</sup> Leg
4	3'-6"	General Purpose
5	4'-2"	1 <sup>st</sup> LX
6	4'-10"	General Purpose
7	5'-6"	Movers I
8	6'-2"	General Purpose
9	6'-10"	General Purpose
10	7'-6"	2 <sup>nd</sup> Border

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11	8'-2"	2 <sup>nd</sup> Leg
12	8'-10"	General Purpose
13	9'-6"	N/A
14	10'-2"	2 <sup>nd</sup> LX
15	10'-10"	N/A
16	11'-6"	28'6" x 16' Cinema Screen
17	12'-2"	N/A
18	12'-10"	21' x 16' Screen
19	13'-6"	3 <sup>rd</sup> Border
20	14'-2"	3 <sup>rd</sup> Leg
21	14'-10"	Mid Stage Traveler
22	15'-6"	N/A
23	16'-2"	3 <sup>rd</sup> LX
24	16'-10"	General Purpose
25	17'-6"	General Purpose
26	18'-2"	General Purpose
27	18'-10"	N/A
28	19'-6"	General Purpose
29	20'-2"	4 <sup>th</sup> Border
30	20'-10"	4 <sup>th</sup> Leg
31	21'-6"	N/A
32	22'-2"	4 <sup>th</sup> LX
33	22'-10"	N/A
34	23'-6"	General Purpose
35	24'-2"	Movers II
36	24'-10"	N/A
37	25'-6"	Scrim Noir
38	26'-2"	Full Stage Black
39	26'-10"	Cyc LT MR 16
40	27'-2"	General Purpose
41	27'-6"	5 <sup>th</sup> LX -(10)stormchaser led bar
42	28'-10"	CYC

**Note:** Movement of the soft goods **MUST** be cleared ahead of time with Technical Director.

***CINEMA AND PROJECTION SCREENS CANNOT BE MOVED!***

***FLYRAIL TO BE OPERATED BY EXPERIENCED MANSHIP STAFF ONLY,  
EXCEPT BY EXPRESS PERMISSION OF THE TECHNICAL DIRECTOR!***

***WE DO NOT FLY PERFORMERS! THIS REQUIRES A SPECIALIST!***

***A MANSHIP STAFF MEMBER MUST BE PRESENT ON STAGE DURING  
WORK TIMES!***