



# Technical Specifications Rider

## Table of Contents

- I. Staff Information
- II. General Stage Information
- III. Load-In
- IV. Scene Shop
- V. Lighting/Video
- VI. Sound
- VII. Staging
- VIII. Miscellaneous



## **I. Staff Information**

<b>Director of Theater</b>	David Edgecombe	(340) 693-1551
<b>Prod. Mgr./Programmer</b>	Tony Caparelli	(340) 693-1552
<b>Marketing/Box Office Mgr.</b>	Pamela Toussaint	(340) 693-1554
<b>Administrative Asst.</b>	Helen Ottley-Smith	(340) 693-1550
<b>Stage Operations Mgr.</b>	Doug Salisbury	(340) 693-1569
<b>Video Production Mgr.</b>	Chris Judd	(340) 693-1558
<b>Box Office</b>		(340) 693-1563/1559



## II. General Stage Information

**Type of Theater:** Proscenium

**Type of House:** Outdoor Amphitheater

**House capacity:** 1196 - 356 covered, 840 uncovered. Numbered.

**Proscenium Dimensions:** 26' 0" high x 46' 9" wide

**Distance from plaster line to upstage wall:** 30' 0"

**Distance from plaster line to edge of stage:** 18' 0"

**Distance from plaster line to last lineset:** 26' 6"

**Crossover width:** 12' 0"

**Stage left wing space:** 10' 0"

**Stage right wing space:** 10' 0"

**Stage manager position:** Center stage left. 10' 0" from proscenium edge.

**Fly rail:** 26 counterweight linesets stage left (see rigging schedule).

**Grid Height:** 38' from deck.

**Maximum Drop Height:** 18' high (in order to be invisible when flown out)

**Stage curtains:** Grand drape and valence are 24oz. Gold velour. Four sets of black borders and legs are used for stage masking. One additional set of stage blacks (velour) are attached to a traveller. A black sharktooth scrim, white square gauze and twin-white cyc are available.

**Floor composition:** Yellow pine 2"x4" t&g laid on 2"x4" sleepers with neoprene pads over concrete. Sanded and painter semi-gloss black. Floor is suitable for dance. Black or gray Marley flooring is available.

**Orchestra pit:** No

**Loading dock:** Yes. Approximately 75' 0" from loading door (upstage left).

**Loading door:** Located upstage left. 7' 0" high x 9' 10" wide. Roll up.

**Stage door:** Located upstage left next to loading door.

**Electrical Service:** 800 amps / 3-phase / 208VAC (located in dimmer room)

**Company Switch:** 200 amps / 3-phase / 208VAC (located upstage left)

**Dressing rooms:** 2 Principle rooms off-stage left with shower, restroom, air conditioning and make-up facilities. Each is adjoined by a common waiting area that can accommodate 2 additional people. 2 Chorus dressing rooms one level below stage with shower, restroom, air conditioning and make-up facilities. Each can accommodate 25 people. All dressing rooms are equipped with paging monitors.

**Laundry Facilities:** There is no on-site washer and/or dryer. Ironing boards and irons are supplied to all dressing rooms. No sewing machine or steamers are available.



### **III. Load In**

A loading dock is available at the Reichhold Center. It is located approximately 75' from the load door. Access to the loading door from the loading dock requires rolling cases and/or carts up a 12° incline. Should any equipment be heavier than 500 lbs., special arrangements must be made with the Technical Director prior to load in or said items will not be handled by anyone at the Reichhold Center. The loading door measures 7' high by 9' 10" wide and is accessible by driveway. No loading ramp is available from the Reichhold Center.

### **IV. Scene Shop**

The Reichhold Center has a scenery shop located on the theater floor level, directly upstage of main acting area. This shop is divided from the main theater space by a hanging black drape rigged by a hempset 29' upstage of the plaster line. The equipment is not available for general use, though arrangements may be made with the Technical Director and by furnishing a Certificate of Liability. Tools and machinery shall be available only to Reichhold personnel and all scenic work shall be supervised by said personnel at all times.

A compressor system is in place (though due to the noise level generated by the equipment it cannot be used during shows).

All rear projection systems must use this space for lens field throw. When using rear projection, additional scenic storage will not be available in this area.



## V. Lighting/Video

**Power:** 800 amps / 3 phase / 5 wire. Total supply for theater sound and lights (house and stage). House sound typically draws 80 amps @ 115VAC. House lighting system is allotted 4 - 20 amp and 4 - 50 amp circuits.

**Lighting console:** ETC Obsession II (750 channels)/ETC Impression (150 channels)

**Lighting dimmers:** ETC Sensor racks (220 - 20 amp / 19 - 50 amp)

**Followspots:** 2 Strong 2kW Xenon long-throw located down centerline in projection booth behind uncovered seating area at approximately 185' throw.

### **Lighting Instruments:**

- 230 ETC Source Four ellipsoidal bodies
  - 10 - 5 degree lenses
  - 20 - 10 degree lenses
  - 40 - 19 degree lenses
  - 100 - 26 degree lenses
  - 40 - 36 degree lenses
  - 20 - 50 degree lenses
- 80 ETC Source Four PAR 64 units with 4 lens kits
- 25 Altman 6" Fresnels
- 20 Altman 8" Fresnels
- 12 Altmans 3 cell Sky Cyc lights
- 6 - Altman 12 cell striplights
- 4 Clay Paky Golden Scan HPE moving-mirror intelligent fixtures
- 2 Altman four-unit ACL bars

**Circuits:** 200 - 20 amp circuits distributed through FOH and stage (see attached plot) through raceways with flush-mounted 3-pin stage connectors. An additional 6 - 50 amp circuits are available along the upstage line for strip or sky cycs and also terminate in 3-pin stage connectors.

**Cable:** All cable is made of 12/3 SOW-A wire and terminates in 3 pin stage connectors. Lengths of 100', 50', 25' and 10' are available.

**Lighting positions:** Circuits are available throughout the stage and FOH (see plot).

**Hardware:** 8 - 10' pipe booms, 12 scenery bumpers, 24 ETC Source Four half-hats, 24 ETC Source Four top hats, 24 ETC Source Fours template holders.

**Video Projector:** 1 - Proxima 9300 400W Xenon video projector w/wide angle lens (capable of 18' x 24' image from 27').

**Slide Projector:** 1 - Navitar 560W Xenon slide projector w/Kodak ektagraphic carousel carriage w/wide angle lens (capable of 18' x 24' image from 27').

**Video Switcher:** 1 - Sony FXE120 video switcher/editor

**Video Recording/Playback decks:**

- 1 - Sony DSR-80
- 2 - Sony DSR-20
- 1 - Sony U-Matic (VO9600)
- 1 - Sony Beta-Sp (UVW1800)
- 1 - Sony S-VHS (SVO 5800)



## VI. Sound

### Amplifiers:

- 3 - QSC Powerlight 1.0
- 9 - QSC Powerlight 1.4
- 2 - QSC Powerlight 1.8
- 3 - QSC Powerlight 4.0

### FOH Mixing Consoles:

- 1 - Mackie 8-buss (kept in tech booth): 32 channels, 6 AUX sends, 8 Submasters.
- 1 - Yamaha M-2000 40 channel (used as primary FOH board): 40 channels, 2 stereo channels, 6 AUX sends, 8 Submasters, 4-channel matrix.

### FOH Processing:

- 1 - DBX2231 31-band stereo equalizer
- 1 - Yamaha SPX990 digital signal processor
- 1 - Lexicon ALEX digital signal processor
- 1 - T.C. Electronics M2000 stereo effects processor
- 2 - DBX1046 Quad compressor/limiter (8 channels total)
- 1 - DBX274 Expander/Gate

### FOH Speakers:

- Center Cluster: 2 - JBL4732 Bi-amped (2-12"/1-horn)
- Left/Right Mains: 4 - JBL4732 Bi-amped each side (2-12"/1-horn)
- Subs: 2 - double JBL 18" and 1 single 18" each side
- Delays: 5 - Electro-Voice SX20 (1-12"/1-horn)

### Monitor Console:

- 1 - Yamaha 3210 mixing console: 40 channels, 8 - Submaster Outs (10 w/out stereo outs), 2 Aux sends

### Monitor Wedges:

- 6 - EAW 12x1
- 2 - Renkus-Heinz 12x1
- 2 - Peavey 12x1
- 2 - Altec Double 12x1

### Monitor Processing:

- 4 - DBX2231 Dual-channel 31 band equalizer
- 2 - DBX1046 Quad compressor/limiter (8 channels total)
- 2 - DBX1066 Dual compressor/limiter/gate
- 1 - Lexicon ALEX effects processor

### Headset Communication:

- 14 - Telex stations (located through theater)
- 8 - Telex single-muff headset w/mic



## **VI. Sound (continued)**

### **Microphones:**

- 6 - Sony UHF Wireless Handheld Transmitters
- 6 - Sony UHF Wireless Receivers
- 5 - Shure L Series Wireless Receivers
- 5 - Shure L Series Beta 58 Transmitters
- 5 - Shure L Series Lavs
- 2 - Shure WA405 Antenna/ Power Distributors
- 1 - AKG C414-UBLS w/ DBX 1086 Mic Pre-Amp
- 4 - AudioTechnica 815A Shotguns
- 2 - Crown PCC 200
- 2 - Crown PCC 170
- 6 - AudioTechnica 835A Hanging choir mics
- 5 - Shure SM 58
- 9 - Shure SM 57
- 1 - Beyer M88 TG
- 4 - ElectroVoice 408B
- 6 - Crown CM700

### **Playback/Recording:**

- 1 - HHB CDR800 (CD Recorder/Player)
- 2 - Alesis M-20 A-DAT (8 channel)
- 1 - Tascam DA-20 DAT player/recorder
- 1 - Denon Dual CD player w/remote
- 1 - Tascam 302 Professional cassette deck
- 1 - Sony MDS-JE510 minidisc player/recorder

### **Stands/Misc.**

- 2 - Sony MDR V50 Headphones / 14 - Small Boom Stands / 12 - Large Boom Stands / 22 - Straight Stands / 1 - 9 channel drive snake with stage box / 1 - 24 channel snake with stage box / 2 - 8 channel snake with stage box / 1 - 40 channel snake with stage box and split / 1 - 150 ft. power cable / 2 - 12 channel insert snake xlr to xlr / 3 - 8 channel snake xlr to xlr / 20 - 50 ft. mic cable / 24 - 25 ft. mic cable / 10 - 10 ft. mic cable / 10 - 50 ft. Neutrik cable (monitors) / 4 - 25 ft. Neutrik cable / 6 - 10 ft. Neutrik cable / 6 - 20 ft. Neutrik cable (subwoofers) / 2 - 10 ft. Neutrik cable / 8 - ProCo DB-1 Passive DI / 6 - Stewart ADB-1 Active DI



## **VII. Staging**

### **Risers:**

- 4 - 4' x 8' x 8" Wenger metal w/black deck
- 4 - 4' x 8' x 16" Wenger metal w/black deck
- 8 - 4' x 8' x 24" Wenger metal w/black deck

### **Chairs:**

- 70 - Orchestra black plastic chairs w/metal legs

### **Stands:**

- 75 - Wenger black music stands
- 15 - Music stand lights

### **Decks:**

- 12 - 4' x 8' Wooden decks (no Legs)
- 8 - 4' x 10' Wooden decks (no Legs)
- 6 - 4' x 12' Wooden decks (no Legs)

### **Shells:**

- 6 - Wenger white orchestra shell units

## **VIII. Miscellaneous**

### **Pianos:**

- 1 - 7' Kawai Grand Baby Piano
- 1 - 9' Steinway B Concert Grand Piano

### **Scenery:**

A limited number of flats and steps units are available. Please consult Technical Director with your needs.

### **Properties:**

A limited number of props are available. Please consult Technical Director with you needs.



## RIGGING SCHEDULE

Lineset	Distance	Use / Purpose	Size	Rigged	Available Capacity
1	9"	Grand Valance	10' h x 56' w	Batten	n/a
2	1' 9"	Grand Drapes	26' h x 56" w	Traveller	n/a
3	2' 9"	1st Electrics		Batten	n/a
4	3' 9"	Open Line		Batten	1,000 lbs.
5	4' 9"	1st Black Border	10' h x 56' w	Batten	700 lb.s
6	5' 9"	1st Black Legs	26'h x 10' w	Batten	600 lbs.
7	6' 9"	Open Line		Batten	1,000 lbs.
8	7' 9"	Moving Lights		Batten	n/a
9	8' 9"	Open Line		Batten	1,000 lbs.
10	9' 9"	2nd Black Border	10' h x 56' w	Batten	700 lb.s
11	10' 9"	2nd Black Legs	26'h x 10' w	Batten	600 lbs.
12	11' 9"	Open Line		Batten	1,000 lbs.
13	12' 9"	2nd Electrics		Batten	n/a
14	13' 9"	Open Line		Traveller	500 lbs.
15	14' 9"	3rd Black Border	10' h x 56' w	Batten	700 lb.s
16	16' 6"	3rd Black Legs	26'h x 10' w	Batten	600 lbs.
17	17' 6"	Open Line		Batten	1,000 lbs.
18	18' 6"	4th Black Border	10' h x 56' w	Batten	700 lb.s
19	19' 6"	Open Line		Batten	600 lbs.
20	20' 6"	3rd Electrics		Batten	n/a
21	21' 6"	4th Black Legs	26'h x 10' w	Batten	1,000 lbs.
22	22' 6"	Open Line		Batten	1,000 lbs.
23	23' 6"	Open Line		Batten	1,000 lbs.
24	24' 6"	4th Electrics		Batten	n/a
25	25' 6"	Black Velour	26' h x 33' w	Traveller	n/a
26	26' 6"	Twin White Cyc	26' h x 56' w	Batten	n/a

Black Sharkstooth Scrim - seamless 18' h x 56' w Available

White Sharkstooth Scrim - seamless 18' h x 56' w Available