

## General Technical Information

( as of 8/06/09)

### Laxson Auditorium

California State University, Chico

First and Salem Streets

Chico, California 95929-0116

www.chicoperformances.com

Main Office-- (530) 898-5917 Central Fax--(530) 898-4797

Production-- (530) 898-5230 E Fax--(413) 513-3210 FAX-- (530) 898-4544

### General Information

Seating Capacity: 1200 (includes wheelchair seating spaces)

Proscenium Width: 36'-0"

Proscenium Height: Variable with Main valence (18'- 0" Standard- 26'-0" Max)

Stage Dimensions –Plans (.pdf) available at <http://www.chicoperformances.com>

Plaster line to back wall: 28' - 4"

Center line to SR wall: 35'

Center line to SL wall: 38'

Plaster line to stage main curtain: 1' - 9"

Plaster line to last line set: 26' - 6"

Plaster line to apron line: 4' - 2"

Plaster line to DS pit edge: 13' - 5"

Crossover is ONSTAGE behind last Line set

### Orchestra Pit (Normally covered and used as thrust stage)

Location: 4' - 2" DS of plaster line

Dimensions: Length: 36' Width: 9' at center (tapers to 6' at sides) Depth 6'

from stage floor- will accommodate approx. 16 seated musicians

Access: Through upstage right door to basement, into pit

Electrical: 2 - 20 amp circuits branched into 4 duplex wall outlets

### Stage Rigging

Type of system: single purchase counterweight- see attached line schedule for locations

Number of battens: 38 - 22 of which are available with a 800-LB capacity each

Length of battens: 45 ft. ( Electrics--.42 ft) Diameter of battens: 2" O.D.

Height of grid: 59'-0" Location of locking rail: S.R. Floor

Battens fly to within 3' of stage floor and out to 53'-10"

There are also 2 side battens on each side of the stage (25 ft. from Ctr). The offstage most side pipe is equipped with three movable "side tab" curtains (black duvetyne)

### Stage Curtains:

		<u>Condition</u>
Valance:	Color: Red Size: 15'x 40'	Good
Main Curtain	Color: Red Size:28'x 44' Operation: Manual Fly (Guillotine)	Good
Borders:	Quantity: 4 Size: 8'x50' Color: Black Velour	Fair
Legs:	Quantity: 10 Size: 10'x26' Color: Black Velour	Good
Other:	Quantity: 6 Size: 24'x 26' Color: Black Velour Panels	Good
	Quantity: 1 Size: 42'x26' Color: Black Scrim	Excellent
	Quantity: 1 Size: 42'x 30' Color: natural Muslin	Excellent
	Quantity: 1 Size: 42'x30' Color: White scrim	Fair
	Quantity: 6 Size: 8'x26' Color: Black duvetyne "side-tabs"	Good
	Quantity: 1 Size: 42'x 26' Color: White "Leno" filled scrim	Excellent

\*\*\*Note: see line schedule for normal location of stage curtains\*\*\*

### **Load in Information**

Loading Dock: **Stage/Street Level**

Location: corner of First Street and Salem Street

Distance from stage: 25'

Critical dimensions: 6' width, 16' height

Special Problems: Truck must have power tailgate or ramp. **Stage is at Street level**

Parking: Check with campus police: (530) 898-5555 or call auditorium staff

\*\*\* Parking space at the loading dock is limited to one large truck ( 24 foot) or two cars -- additional parking available adjacent to theatre on First Street—obtain Parking passes from Staff\*\*\*

Shore power available by special arrangement---truck/bus needs to supply minimum 50 feet of cable

**Lighting—** Plan and section ( .pdf) available at <http://www.chicoperformances.com>

Console: ETC- Ion 1024 channels

House Light Operation: At console and backstage right

Dimmers: 96-Avab 2.4 kW capacity-- DMX converter available

Auxiliary Dimmers: 24 ETC Sensor dimmers (2.4kW) accessible by Socapex outlets with 6 circuit Twist lock Fan outs on stage

Circuits: 96-20 amp (key-in twist lock type connector)-

Console Location: House Right balcony, can be placed in other locations if necessary.

### **Lighting Positions**

4- Box Booms: 2 stage right, 2 stage left (NO BEAM OR COVE POSITIONS)

Balcony Rail: very shallow angle, approx. 6 degrees

3- On-stage Electrics - see line sheet for location

6- boom pipes adjustable to 14ft **max.** height with 30- 24" double- tee side arms

### **Lighting Inventory**

- 12-ETC 10 degree ellipsoidal ( 750 W) located in Box Boom position ( cannot be moved)
- 28 - ETC 19-degree ellipsoidal (750W) located in box boom positions (cannot be moved)
- 6-ETC 26 degree ellipsoidal (575 W) located in Box Boom positions (cannot be moved)
- 6 - Altman 6x22 ellipsoidal (600W) located in box boom position (cannot be moved)
- 8 - Altman 360Q 6x16 ellipsoidal (750W)
- 12-Altman 6x22 ellipsoidal (600W)
- 18 - Altman 6x12 ellipsoidal (600W)
- 24 - Altman 6x9 ellipsoidal (600W)
- 12-Berkey 20 **or** 30 degree **or** 40 degree ellipsoidal (600w)
- 40-ETC ellipsoidal (575W) w/ **30-36** degree, **18- 50**degree, **12-26** degree and **12 -19** degree lens tubes available
- 12 - Altman 8” Fresnels (1000W)
- 12 - Century 8” Fresnels (1000W)
- 4- Altman 2-cell far cycs (1000W)
- 12 - Altman 3-cell far cycs (1000W)
- 4- Altman 8’ Zip Strips—4 circuits
- 24- Altman Par cans (1000W)—Wide, medium, and narrow lamps available
- 24-ETC Source Four Pars (575W) with complete lens kits
- 2- Lycian 1267 SuperArc 400 Followspots --located in projection booth at rear of Auditorium Balcony ( also one Altman Voyager is available)
- 4 – Martin MAC 600 wash ML Fixtures
- 2- Martin MAC 2000 Profile ( Series one) ML Fixtures

### **Color Media**

Most “standard” Roscolux color media is available and supplied upon request.  
Substitutions for other color media will be attempted.

### **Communication Equipment**

- 8- Clearcom headsets w/ input locations throughout hall.
- 3- HME wireless headsets interfaced with Clearcom
- Dressing Room Audio Monitoring Capability: Yes
- Paging Capability: Yes, from backstage right to dressing rooms
- “Listen” FM Assistive Listening system

## **SOUND**

### **PLEASE NOTE**

Laxson Auditorium is a challenging space. Please consider the following when preparing for your visit.

Significant buildup in the frequency range between 80 and 150 Hz is due to an extremely long reverberation time at those frequencies. Reverberation times at other frequencies are much shorter. Excessive thinning of the main speaker equalization rarely achieves acceptable bass control and can make the system sound thin. In many cases, the stage (especially bass guitars) can be the predominant contributor to excitation of these frequencies.

Laxson Auditorium was built prior to use of electrical sound amplification. The auditorium's proscenium arch is shaped like a band shell effectively coupling the stage and audience areas. House sound is focused on stage at the same time stage sound (including stage monitors) that is acoustically transmitted to the house.

In-ear monitors are recommended to help artists overcome acoustic intelligibility issues as well as reducing stage volume that can interfere with the house sound.

Large bass guitar speaker arrays should be avoided where possible. In addition, all guitar and keyboard amplifiers should be pointed at the artist to minimize interaction with the house.

Since Laxson provides a significant amount of acoustic amplification, approaching the FOH mix as a reinforcement mix will also help the overall sound quality. Delaying mains to match off stage sound (including delays from the proscenium arch) can also help.

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**Please Note : Other mixing systems and additional equipment can be supplied through separate sound provider..contact Production for information**

### **Speakers**

Meyer Self powered M2D linear array side stacks with subs

Meyer M1D front fills (2)

115+db C weighted at FOH mix position

### **House Mixing Console**

Soundcraft Series 5-- 48 channel plus 4 stereo: Location: Fixed: Main Floor ( 60 feet from stage Center left Orchestra)

8 sub groups, 10 VCA,12 aux busses,16x 10 matrix, full 4 band parametric eq, sweepable filters on all inputs

### **Effects**

TC Electronics D-Two Delay

2- dBx 1066 dual comp/limiter/gate

TC Electronics M2000 Multi effects

2-dBx 1046 dual comp/limiter

Yamaha SPX 2000 Multi effects

1-Summit DCL-200 tube comp

Lexicon PCM 91 Reverb

2-Drawmer DS-404 quad gate

### **Drive Electronics**

dBx 2231 dual graphic EQ ( mains)

dBx 231 dual graphic EQ ( monitors) on 4 aux mixes

Meyer Galileo 616 Speaker processor..subwoofers can be fed from L-R mix or an Aux Buss

Fills are fed from L-R Mix or can be two Matrix outs

### **Record/Playback**

Marantz CDR 510 dual well CD player/CD-r recorder

Tascam 302 cassette

Tascam MD 301 MK II Mini disc-

Tascam DA- 20 MK II DAT-

### **Sound Support Equipment**

10 - Shure-SM58 Mics  
8- Shure-SM57 Mics  
4 - Crown PCC 160 Mics  
4 - AKG -C391B Mics  
2- EV - RE 20 Mic  
1- AKG - D112 Mic  
4- Sennheiser -MD 421 Mics  
2- AKG- 414 B XLS Mics  
2-Neumann KM 184 Mics  
2- Shure SM 91 Mics  
4- Shure **VHF** wireless microphones (3-lavalier, 1-handheld)  
4 -Sennheiser UHF wireless microphones ( 2- lavalier, 2-handheld)  
18- Boom Mic stands  
4-Horizon Direct Boxes  
4-Hot Box Active Direct Boxes  
2-BSS AR 133 Active direct Boxes  
Various Mic cables

### **Monitor Console**

**System** —Soundcraft Spirit 2 mixer 24x8  
3 JBL MPX 300 amps with Inter M graphic on each channel (6)  
2 Crown XLS 5000 amps  
4 JBL SRX712M Monitor speakers  
5 JBL MR 902 Monitor speakers

### **Power**

Company Switches:  
Lighting: 200 amp 3 phase 120/208 v with Camlok tails and 25 feet of Feeder cable (neutral and ground are male) which may be utilized for additional lighting if necessary located Upstage Right  
Sound: 100 amp 3 phase 120/208V - Lugs will accept up to #1/0 cable  
Also supplied with set of camlok tails (Neutral and ground are MALE)  
Location: Downstage Right  
Distance from **center** stage: 25ft  
4-20 amp “Edison” outlets (20 amp) on each side of stage

**Ladders**

2- 6' Step

1 - 16' Step

1 - Genie personnel lift 29.6' max height: Please note that the unit requires that the outriggers be locked down for proper and safe use. The unit cannot be moved with the bucket extended

**Pianos**

1 – 9 Foot Baldwin Concert Grand tuned to A 440

**Orchestra Shell**

8 sections -Wenger portable “Fold and Roll”

**Choral Risers**

6 sections—4 - tier Wenger risers

**Orchestra Risers** Wenger “Trouper” risers—dark gray carpeted

10 - 8” H x 8’ Long x 4’-0” Wide

10 - 16”or 24” H x 8’ Long x 4’-0” Wide

10 - 24”or 32’ H x 8’ Long x 4’-0” Wide

**Orchestra Chairs**

60 black Wenger chairs

**Dance Floor**

Black/Grey *Rosco* “Cabriole” floor—will cover entire stage floor

Available upon request (NO ROSIN PLEASE)

**Dressing Rooms**

2-Dressing rooms with 12 person capacity

4-Dressing rooms with 4 person capacity

Mirrors: Yes,

Toilets: Yes ( Unisex with one Handicap Accessible) ,

Showers: No, Laundry: No,

Costume Racks: 6 portable

\*\*Crew is comprised of well trained students and 2 Auditorium Staff members ( Non Union)\*\*

## **Contact Phone Numbers**

Director of University Public Events

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**Laxson Line Set Schedule**

<u>Line Set #</u>	<u>Distance from P.L. (0")</u>	<u>Standard Hang</u>
1	+0' - 10"	Main Valance fixed
2	+1' - 6"	Main curtain fixed/flies
3	+2' - 7"	Black Legs
4	+2' - 11"	Presenter Logo Light
5	+3' - 4"	
6a	+3' - 8"	1st Elec. Truss Pipe D.S.
6b	+4' - 8"	1st Elec. Truss Pipe U.S.
7	+5' - 6"	
8	+6' - 1"	
9	+6' - 5"	Full stage blacks
10	+7' - 0"	
11	+7' - 6"	
12	+8' - 0"	
13	+8' - 7"	
14	+9' - 1"	Black Border
15	+9' - 7"	Black Legs
16	+10' - 0"	
17	+10' - 7"	
18a	+11' - 1 1/2"	2nd Elec. Truss Pipe D.S.
18b	+12' - 4 1/2"	2nd Elec. Truss Pipe U.S.
19	+12' - 11"	
20	+13' - 5"	
21	+13' - 11 1/2"	
22	+14' - 5 1/2"	
23	+15' - 4 1/2"	
24	+15' - 11"	
25	+16' - 5"	Black Border
26	+16' - 11"	Black Legs
27	+17' - 5"	
28	+17' - 10 1/2"	
29a	+18' - 5 1/2"	3rd Elec. Truss Pipe D.S.
29b	+19' - 5 1/2"	3rd Elec. Truss Pipe U.S.
30*****	This position has been relocated as Line Set #39 *****	
31	+20' - 6 1/2"	
32	+21' - 0"	Black Border
33	+21' - 6 1/2"	Black Legs
34	+22' - 6"	Translucent Filled Cyc (Leno) -normally bounce lit
35	+23' - 6"	Normal CYC Light Location
36	+24' - 0"	Black Legs
37	+24' - 6"	Full Stage Black
38	+25' - 7"	Bounce Cyc
39	+27'-0"	Rear Black Full Stage Curtain

\*\* Note \*\* All soft goods, except for main valance and main curtain, may be repositioned as necessary.