



## Technical Information for the Center Stage

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### Overview

Our 300 seat theater has become Grass Valley's premier venue for the performing arts. With permanently installed sound and lighting systems, an 1,800 square foot stage, tiered continental style seating and a 1500 square foot maple dance floor, this venue is readily adaptable to musical concerts, theater and dance presentations, seminars, workshops, trade shows, exhibitions, festivals and parties.

[Center for the Arts Ground Plan in 11 x 17 Printable PDF Format](#)

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### Parking

There is 3-hour metered street parking on West Main Street and Richardson Street, plus a small parking lot with 12 spaces (including one ADA space) immediately adjacent to the loading doors for staff and production vehicles, and a larger 24-space (including one ADA space) parking lot just west of the small lot. Each parking lot has its own access to Richardson Street.

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### Seating

Seating consists of 168 fixed chairs and 34 moveable chairs on a tiered platform, and 112 movable chairs on the main floor in front of the stage. The combined total maximum capacity is 314 seats.

[Center Stage Seating Plan in 8½ x 11 Printable PDF Format](#)

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## Stage Area and Dimensions

This is a proscenium stage, with access from the house consisting of two sets of two-step movable stair units—one each on stage right and stage left. An 8' wide by 12' high arched opening on stage left can either be closed off or opened up to provide an additional performance area option on that side of the stage.

Floor surface: medium density fiberboard (MDF) painted black

Stage height: 2'-6"

Stage width: 58'-6"

Stage depth: 28'

Proscenium height: 11'-6"

Proscenium width: 37'-9"

SR wing: 7'-6"

SL wing: 12'-6"

## Platforms

Six 4 x 8 platforms are available for use either as drum risers or, when legged up, as an extension to the front of the stage. Multiple configurations are possible, including an orchestra platform stage left, a runway into the audience, or a complete 4-foot apron extension across the full width of the proscenium.

[Center Stage Plan in 11 x 17 Printable PDF Format](#)

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## ADA

There is permanent wheelchair access to the auditorium and public areas, an ADA wheelchair lift that can provide ADA access to the stage. The lower parking lot contains two ADA parking spaces, and the upper lot contains one ADA parking space.

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## Grid

All pipe battens, electrics and soft goods are dead hung. The height from the stage floor is 12'-6", and access is via one 10-foot ladder.

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## Soft Goods

All drapes are fixed—there are no travelers.

Drapery Schedule:

Legs #1	4' x 12'-6"	Black
Legs # 2	8' x 12'-6"	Black
Legs # 3	8' x 12'-6"	Black
Legs # 4	8' x 12'-6"	Black
Upstage curtain	32' x 12'	Black
Cyc	32' x 11'-6"	White

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## Lighting

### Control

House and stage lighting are controlled from the lighting/ audio desk area in the back of the house, and stage work lights are controlled from backstage.

### Dimmers

Leviton satellite dimmer packs are mounted to the electrics above the stage.

### Connectors

All stage lighting connectors are Edison.

### Electrics

All electrics are dead hung.

### Console

An ETC Element 60 with 250 channels is located in the last two rows of the audience (no enclosure).

### Remote focus capability

There is no remote focus capability at this time.

### Distribution

Instruments are patched into modular grid-mounted dimmer packs.

### Color

A limited supply of Roscolux color is available, and additional color can be acquired with sufficient notice. Original color must be restored during strike.

## **Equipment Inventory**

### Fixtures

300w 6" fresnels:	7 (movable)
300w par cans:	26 (movable)
500w sky cycs:	Two 3-cell units and three single cell units (movable)
1000w Altman follow spot:	1 (movable)

## **Accessories**

Color frames: thirty-three additional 7½" frames

## **Access for focusing**

One 8-foot ladder and one 10-foot ladder.

## **House plot**

The standard lighting plot consists of the following elements:

### Front light

Ten 6" par cans in the FOH position paired into five areas, and six 6" fresnels on the first electric paired into UR, UC and UL areas.

### Side light

High side consisting of eight 6" par cans, two per color per side (warm and cool).

### Backlight

Eight 6" par cans on the upstage electric provide two color washes (warm and cool), with four par cans per color.

### Specials

A hot spot center stage consisting of one 500w fresnel from the first electric.

### Cyc

Three color washes (red, blue and amber) provided by a combination of two 1000w 3-cell sky cycs and two 1000-w single cell sky cycs.

## **[Center Stage Standard Lighting Plot in 11 x 17 Printable PDF Format](#)**

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## **Projection**

A 5000 lumen Christie LWU505 3LCD projector with a 1.7-2.89:1 lens is permanently mounted in the rear of the auditorium, utilizing a remote controlled 9'x16' drop down screen located at the front of the stage as a projection surface.

In addition, an Optima EP1691 2500-Lumen DLP projector is mounted at the FOH electric, utilizing the cyc as a projection surface. It offers a native widescreen format with a resolution of 1280 x 768 and can project up to a 720p HD image.

Two 4'x4' portable screens are also available upon request.

Inputs to the audio system are available for a variety of connectors, such as stereo 1/8" mini, RCA or 1/4" phone jacks. We have an Apple Intel MacBook for DVD and Quicktime playback, plus a variety of VGA, S-Video and Mini Display Port adaptors for connecting video peripherals.

For more information on using your own projector or if you have any other A/V questions, please contact us.

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## Sound System

### Mixing Consoles – Sound Processing

- Yamaha M7CL-48 channel digital live-sound console
- Monitor EQ, Dynamics, and Effects are provided by the integrated processors in the M7CL
- Yamaha M7 support links:
  - [Basic overview](#)
  - [Quick Start Guides including a complete: M7CL Online Seminar](#)
- Behringer X32 digital mixer available for on-stage monitor mix for an extra \$100 charge (please note that this must be negotiated during the initial booking)

### Main Speaker System

- JBL 4894A-90 x 2 (flown)
- JBL 4893 subs x 2
- Behringer DCX2496
  - Speaker processor presets for in-line and aux-fed subs
- dbx 2231 graphic x 1
- Crown XTi 1000 (highs)
- Crown XTi 4000 (lows and subs)

## **Monitors**

- JBL SRX712M 12" floor wedges x 6 (bi-amp)
- Carvin 15" floor wedges x 5 (full range)
- Mackie C300Z x2 (side fill, flown)
- Monitor mixes from FOH (x 6 bi-amp, x 2 passive):
- Behringer DCX2496 speaker processor x 2
- Crown XTi 1000 (highs) x 3
- Crown XTi 4000 (lows) x 3
- QSC RMX2450 (passive) x 1
- Bi-amp\* mixes configured only for JBL - (\*Carvin wedges are not bi-amp capable)
- Passive mixes configured for Carvin wedges or side fills
- An on-stage monitor mix (with or without operator) can be rented for an extra charge.

## **SPL Limits**

In all cases in which sound amplification equipment is used, the sound pressure level at the mixing board shall not exceed 95 db (c-weighted).

## **Audio/Video Playback Options**

- Denon DN-D4000 Double CD/MP3
- iPod style 1/8" stereo cable input to M7 mixer for PC/Mac or external mp3 player
- Apple MacBook Intel cpu, 2.5 gb ram for DVD and Quicktime movie playback

## **Direct Boxes**

- Countryman Type 85 x 4
- Horizon SL 2 x 4
- Radial Engineering ProAV2 - Audio/Video Passive Stereo Direct Box x 1

## **Microphones**

- Shure SM57LC x 10
- Shure SM58LC x 8
- Audio Technica ATM4041 x 4
- Audio Technica ATM450 x 2
- Audio Technica Pro35 x 4
- Audio Technica ATM250 x 1
- Audio Technica Pro45 x 6 (overhead choir mics)
- Audix D6 x 4
- Audix OM2 x 4

- Audix f12 x 1
- Audix f10 x 3
- Neumann KMS105MT x 2
- Sennheiser MD421 x 2
- Sennheiser E609 x 2
- Sennheiser EW135G2 Wireless x 2
- Sennheiser EW135G2 Handheld Wireless x 2
- Sennheiser EW122 G3 Wireless Bodypack Microphone System with ME4 Clip-on Mic x 4
- Sennheiser E935 x 2

#### **Mic Stands**

- K&M 21090B full height boom x 12
- K&M 19900B full height boom x 4
- K&M 25900B full height boom x 6
- K&M 25910B low height boom x 4
- Classic Round Base style (black) x 6

#### **Mic Cables**

A wide variety of various lengths

#### **Guitar Stands**

Suitable for both electric & acoustic guitars or basses x 4

#### **Music Stands**

Manhasset stands x 6

#### **Green Room Monitoring**

Wide screen monitor for viewing/listening to stage performances while in the Green Room

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### **Piano**

A Steinway D concert grand piano is available for the Center Stage, but carries certain qualifications for its use.

[On-Site Rental & Use Request for the Steinway D Piano](#)

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### **Backline Gear**

#### **Amplifiers**

- Fender Princeton 650 Guitar Amp / Solid State 1x12 / On Board Tuner
- Peavy Bandit 112 Guitar Amp / Solid State 1x12 / Reverb / 2 Channels

- Fender Bassman 250 Bass Guitar Amp / Solid State 1 x 15 / Parametric EQ / FX Loop
- Roland KC 60 Keyboard Amp / Solid State 1x10 / Sub Woofer / 3Channels

### **Keyboards**

- Roland RS 50 Keyboard / Power Adapter / Instrument Cable
- Roland RD 170 Keyboard / Sustain Pedal

### **Misc. Equipment**

- 1 Keyboard Stand
- 6 Guitar Stands
- 6 Manhasset Music Stands
- Instrument Cables

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### **Communications**

A ClearCom system supports communication between the tech table, backstage and the house lobby.

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### **Monitoring**

Video monitoring (with audio) is available to the Granucci Room and the Green Room.

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### **Other Equipment**

- Baldwin studio upright piano
- Six 4-foot x 8-foot x 10-inch high black platforms, which can be legged up to stage height.
- Iron
- Ironing board
- Banquet chairs—130 tan and 120 black
- Two 25 lb sandbags

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### **Loading**

Primary loading access is via double doors on the main floor level on the north side of the theater (house right), opening onto a 12-space parking lot for staff and production vehicles, which is accessible from Richardson Street. Stage access is up three steps from the main floor (no ramp is available). There is additional loading access through the main public entrance to the theater from the Gallery/Lobby on the south side of the theater (house left).



Door Location	Height	Width	Opens To	Stage Access
House Right	6'-9"	5'-8"	Parking lot	Up 3 steps
House Left	7'-10"	5'-8"	Lobby	Up 3 steps

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### Other Dimensions

The distance from the front of the stage to the lighting and sound consoles and follow spot position is 40 feet.

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### Backstage Support

A combination Green Room / Dressing Room SR will accommodate 18 people and is equipped with tables and mirrors. Access to the stage is up 3 steps. There are no showers, and rest rooms are shared with the public.

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### Laundry

There are no laundry facilities at the venue, however commercial laundromats are located nearby.

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### Crew

The following non-union crew members can be provided for an additional fee and must be included in your contract (for crew rates, contact Hannah Chamberlain at 530-274-8384 ext. 19):

- Stage Manager
- Lighting technician
- Audio technician
- Video technician
- Stage crew
- Wardrobe
- Security guard
- Make-up artist
- Runner
- Merchandise seller