

# TECHNICAL INFORMATION PACKAGE



V I L A R  
P E R F O R M I N G  
A R T S C E N T E R

Shipping Address:

68 Avondale Lane

Beaver Creek, CO 81620-3822

Mailing Address:

P.O. Box 3822

Avon, CO 81620-3822

Box Office: 970.845.8497

Toll Free Box Office Number: 888.920.2787

Fax: 970.748.1396

A copy of this document and a virtual tour of the facility  
are available under the "ABOUT THE VPAC" menu at  
<http://www.vilarpac.org/vpac/>

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## THEATER CONTACTS

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### **Programming:**

Norbert Mongeon

Professional Facility Management

Loew's Theatre Building

220 Weybosset St.

Providence, RI 02903

## Area Hotels & Restaurants:

### Utilitarian

Best Western, Eagle  
Eagle Lodge  
200 Loren lane  
30 miles west from Theater, off I-70  
1.800.475.4824  
970.328.6316  
[bweaglelodge@msn.com](mailto:bweaglelodge@msn.com)

American Lodge & Suites, Eagle  
0085 Pond Rd  
30 miles west from Theater, off I-70  
970.328.5155

The Christie Lodge, Avon  
47 East Beaver Creek Blvd  
2 miles from Theatre;  
between Theatre and I-70  
970.949.7700  
1.888.325.6343  
[www.christielodge.com](http://www.christielodge.com)

Comfort Inn Beaver Creek (located in Avon)  
161 W. Beaver Creek Blvd.  
2 miles from Theatre;  
between Theatre and I-70  
***Allows bus parking on-site (only one in Avon  
and Beaver Creek)***  
970.949.5511  
[www.comfortinn.com/hotel/co052](http://www.comfortinn.com/hotel/co052)

### Mid Range

Inn at Riverwalk  
27 Main Street, Edwards  
888.926.0606  
970.926.0606  
10 miles from Theatre, off I-70

### RESORT

Hyatt-Regency: Beaver Creek  
136 E. Thomas Place  
970.949.1234  
2 blocks from Theatre

Beaver Creek Lodge  
26 Avondale Lane  
1 block from theater  
970.845.9800

The Charter at Beaver Creek  
120 Offerson Road  
970.949.6660  
4 Blocks from Theatre

### **Area Restaurants:**

Golden Eagle  
970.949.1940  
Main Plaza Beaver Creek  
25 Yards from Theatre  
Contemporary American

Starbucks  
970.845.6245  
Beaver Creek  
4 blocks from the theater

Dusty Boot  
970.748.1146  
Top Floor of St. James Place  
2 Blocks from Theatre  
Burgers and Steaks

Tramonti  
970.949.5552  
The Charter at Beaver Creek  
4 blocks from theater  
Italian

Blue Moose: Beaver Creek  
970.845.8666  
Main Plaza Beaver Creek  
20 Yards from Theatre  
Pizza/pasta/sandwiches

Toscanini  
970.845.5590  
Beaver Creek Plaza  
25 Yards from Theater  
Upscale Italian

## LOCAL SERVICES

### **Transportation Services:**

Local:

Dial-A-Ride (Beaver Creek Only - Free): 970.949.1938

Vail Valley Taxi: 970.476.8294

Airport Services:

Colorado Mountain Express: 1.800.525.6383 or [www.cmex.com](http://www.cmex.com)

B-Line Express 1.800.423.0929 or [www.blinexpressllc.com](http://www.blinexpressllc.com)

### **Emergency Numbers:**

**ALL EMERGENCIES – 911**

Fire: 970.949.6425, 351 Benchmark Road, Avon

Beaver Creek Security: 970.949.4911, gatehouse at base of resort

Police (Avon): 970.949.5323, 400 Benchmark Road

### **Medical:**

Ambulance: Eagle County Ambulance District, 970.926.5270,  
1055 Edwards Village Blvd., Edwards

Hospital Emergency Room: Vail Valley Medical Center, 970.476.2451, 181 W. Meadow Drive

Urgent Care Clinic: Guy Kovacevich, Doctors on Call, 970.949.5434,

The Annex 142, Beaver Creek Place

Chiropractic Clinic: Avon Chiropractic Life Center, 970.949.0444, Avon Plaza,

E. Beaver Creek Blvd., Suite 106B

Dental Clinic: Dr. David Wilson, 970.949.4433, 82 E. Beaver Creek Blvd. #211, Avon

### **Massages:**

Allergria Spa- Park Hyatt Beaver Creek-2 blocks from theater-\$\$\$\$-970.748.7500

Simply Massage 970.748.1600 25 Hurd Lane, Avon, CO. 81620

### **Parking:**

Limited public paid parking is located directly across from the Vilar Center in an underground garage. Large trucks will not clear the entrance of the underground garage. An enclosed loading dock is adjacent to the Center's front door and may be used to park one vehicle. Bob trucks and tractor-trailers will unload at Theatre then park in separate parking area.

### **Laundry:**

Theater is equipped with a household size stackable washer & dryer

National Velvet (970) 748-1616, 150 E Beaver Creek Blvd # 4, Avon, CO 81620. Same day  
before 10:00 AM. (476-1616 Vail office).

Natural Dry Cleaners, Avon, 2 miles from theater, 970.949.1787

Soap's Up Laundromat, Vail, 14 miles from theater, 970.476.4976

**Grocers/Shopping:**

City Market & Pharmacy in Avon, 2 miles from theater, 970.949.5409

Nature's Providers Avon, 970.949.9404, 130 Chapel Place D-101

General Store, Beaver Creek, 20 yards from theater, 970.949.0742

Office Depot, (970) 949-4561, 220 Chapel Place, Avon -

Walmart & Pharmacy, 970.949-6442, 171 Yoder Avenue, Avon

**Travel Directions:**

**From East (Denver):** Interstate 70W to Exit 167 (Avon), follow roundabout under the interstate, follow Avon Road south through three more roundabouts to the Beaver Creek entry gate. See Beaver Creek Directions.

**From West:** Interstate 70E to Exit 167 (Avon), turn right onto Avon Road and follow south through three roundabouts to the Beaver Creek entry gate. See Beaver Creek Directions.

**From Beaver Creek Entry Gate:** Follow Prater Road to Village Road, turn left onto Village Road and continue uphill past a golf course. Turn left onto Avondale Lane, the second left after passing under a ski chairlift. The Vilar Center is two blocks down on your right.

**Time Zone:**

Mountain Time Zone, USA. GMT -07:00

## BUILDING SPECS

**Wireless Internet:** 802.11G is available in parts of the building.

**Cellular Service:** Is very limited inside the theater please plan accordingly.

**Drop In Office Space:** Computer with internet access and printer

**Green Room:** 26'6"x16' room with sink, microwave, lounge area, and rehearsal piano. The Green Room is adjacent to the dressing rooms and is 15' from stage right wings (same level).

**Stage Manager's Console:** Located backstage left near loading dock elevator and green room/dressing rooms. An audio monitor is located at the SM console, but a video monitor is not normally in place. Production communications are through 2-Channel Telex Audiocom. Communication with House Manager and Box Office through Motorola two-way radios.

**Rehearsal Room:** No rehearsal space other than Green Room with rehearsal piano.

**Crews:** Professional, non-union staff. Overhire available from other regions with suitable notice.

**Handicapped Access:** Elevator from parking garage to loading dock level. Elevator from loading dock to stage/dressing room level. Handicapped-accessible restroom in dressing room hallway. Handicapped-accessible restrooms and showers in the two larger dressing rooms.

**Handicapped Access:** Elevator access to theatre from loading dock and public parking. Eleven (11) wheel chair locations in the front row of the orchestra. Four (4) wheel chair transfer seats in both the rear of the orchestra and the rear of the balcony. Handicapped restrooms in lower lobby and at loading dock. Ten (10) audio enhancement devices available upon request.

**Policies:** House opens at 30 minutes prior to curtain. Company policy calls for performances to begin within 7 minutes of the advertised start time. No alcohol is allowed backstage. No food or beverages are allowed in the audience. The entire Vilar Center, including the loading dock, is a smoke-free environment.

## **LOAD-IN AREA**

**Dimensions:** 9'6" wide by 12' high covered loading passage. Semi-trucks unload in front of theatre and then park in separate parking area. Loading dock ends in a freight elevator with a door 6'0" wide by 8'0" high, diag. 9'6". The elevator floor space measures 9'6" long by 8'6" wide, diag 12'0". Freight elevator accesses both production office/lower lobby and stage level.

**Location:** The loading dock is located just past the main entrance to the theatre.

## CARPENTRY

**Seating:** 535 seats, 414 in the orchestra, 89 in the balcony, and 32 in the upper and lower boxes. 4 Usher/Late Seating chairs. 8 wheel-chair transfer seats and 11 seats may be removed for handicapped access.

### **STAGE DIMENSIONS:**

**Proscenium:** 38' to 45' wide (adjustable) by 25' high. Plaster Line to Back Wall is 34'-1". The distance from the Plaster Line to the last line set is 30'9". The curved apron/orchestra pit cover is 32' wide with a depth from the plaster line of 14' at the center and a depth of 8' at the sides.

**Wing Space:** Centerline to stage right wall (operator rail) is 79' of unobstructed space. Centerline to stage left wall at the plaster line is 48'. Centerline to stage left wall at back wall (45 degree wall) is 39'.

**Grid Height:** There is no grid directly above the stage. The distance from stage floor to bottom of roof beams is 35'. There are two front-of-house tension grid catwalks: #1 is 25'6" from the Plaster Line, horizontally. #2 is 35'4" from the plaster line, horizontally. Both have hanging positions that are 33' above the stage level with 24 circuits each.

**Orchestra Pit:** The curved apron/orchestra pit cover is 32' wide with a depth from the Plaster Line of 14' at the center and a depth of 8' at the sides. The orchestra pit has a depth of 4'6" from the stage floor.

**Stage Height:** The stage floor is 3'0" above the auditorium floor.

**Stage Floor:** Black Masonite flooring, no traps. Sprung dance floor on sleepers with neoprene pads.

### **HOUSE DRAPERIES**

**House Curtain:** Reddish brown with gold trim traveler at Plaster Line. Manually operated on stage right at the stage manager console.

**Legs:** 3 sets of 2. Black velour. 26' high x 16'6" wide. Flat (no pleats).

**Borders:** 6 borders of black velour. 8'0" x 90'0". Flat.

**Full Stage:** 2 pleated black velour travelers. 26' tall.

**Scrim:** 1 - Black Scrim 30' High X 60' Wide

**Cyclorama:** 2 - white, 28'6" high x 68' wide, lino-filled, seamless. ( one used for bounce)

## CARPENTRY, CONT.

### LINE SET DATA

**Battens:** 30 single-purchase line sets with 5 dedicated electrics and 2 orchestra shell ceiling pieces, leaving 22 line sets available for general use. Battens are 69'0" long with 1" nominal steel pipe. Capacities: Line 2 – First Electric 3000 lbs. with electric winch, Lines 9 & 20 – Second and Fourth Electric 1775 lbs. The capacity of all other linesets is 1050 lbs.

**Working Height of Battens:** Maximum height 31'6" from stage floor. Minimum height is 5'0", creating a travel of 26'6".

**Available Weight:** 10,100 lbs.

**Loading Gallery:** Stage right, located 26'6" above stage floor. Access by enclosed ladder or loading dock door.

**Pin Rail:** Operator rail is located stage right at stage level.

### SUPPORT AREAS:

**Crossover:** Behind line 30 is 3'3" wide.

**Access:** From Front of House, access to the audience can be achieved both house right and left through 6'0" doorways at the back of the house. Access to the audience from backstage can be achieved through 3'0" wide doorways at the base of the stage. Patron elevator accesses upper lobby/box office, lower lobby, and 4'0" wide hall leading to backstage. Hallway is 3'0" below stage level, access is by stairs at a 45 degree angle to the hallway or a wheelchair lift. Handicapped access to the stage is by the freight elevator at the loading dock / artist entrance.

Dressing rooms and the green room are located at stage level, accessed by a 5'0" hallway from backstage right.

**Shop Area:** None.

**Storage:** Limited storage available backstage.

**Notes:** We possess 6 round cocktail tables and 6 six-foot tables for concessions and merchandise tables.

We stock only the most basic assortment of tools for repairs or adjustments to scenic elements. Our resort location also makes it difficult to locate equipment other than what is normally available at a mid-sized hardware store.

## LIGHTING

**Company Switch:** 120/208V, 3 phase, 400A/Leg. Located Upstage Right  
120/208, 3 phase, 100A/Leg. Located Downstage Left

**Dimmers:** 288 ETC Sensor, 2.4 kW.

**Control Board:** Avab Congo by ETC, or ETC Expression 3 located in control booth at rear of the house.

**Houselights:** 4 settings (Full, Half, Out, Special) with programmable levels and rates, operated by electrician board in the Control Booth at the rear of the house. The stage manager console can access the settings. House manager can take emergency control of the house lights via a key switch in both the upper and lower lobbies.

**Circuits:** Dimmer per Circuit, 20A, fixed locations on electricians, catwalks and floor pockets. The last 96 are Socopex® breakouts located in various positions backstage and on the catwalks

### **Lighting Positions:**

Balcony Rail: 8 circuits

Tension Grid Catwalks: 36 circuits each. #1 is 25'6" from the plaster line, horizontally.  
#2 is 35'6" from the plaster line, horizontally. Both have hanging positions that are 33' above the stage level.

Box Booms: 2 on each side, 4 circuits each. 18' and 28' from the plaster line.

OnStage Electricians: 4 Permanent Electricians (see line set schedule)

### **EQUIPMENT INVENTORY:**

#### **Stage Instruments:**

140	ETC Source Four Ellipsoidal Spot Lights 575watts
6	ETC 10 degree Source Four Ellipsoidal barrels
46	ETC 19 degree Source Four Ellipsoidal barrels
62	ETC 26 degree Source Four Ellipsoidal barrels
68	ETC 36 degree Source Four Ellipsoidal barrels
20	ETC 50 degree Source Four Ellipsoidal barrels
	<b>Note: There are more Source Four barrels than instruments</b>
4	Source Four Jr. 26 degree
4	Source Four Jr. 25-50 zoom
72	Source Four PARs 575Watts
28	Source Four Zooms 15-30 degree (8 on the balcony rail and 20 on the box booms.)
22	Altman 1kW 6" Fresnels
8	Altman 6-lamp, 3-circuit Ground Cyc. Lights. 500 W.
6	Altman 3-lamp, 3-circuit Sky Cyc. Lights. 1 kW.
21	Source Four Parnels 575 Watts

## LIGHTING, CONT.

### **Dedicated 5<sup>th</sup> Electric Truss (single circuited):**

- 60 Altman Par 64 Par Cans with 1kw lamps (4)
- 40 Box truss, double hung
- 48 ETC Sensor Dimmers, 2.4K  
(The other 12 dimmers are pulled from house system)  
Multi cable, and etc.

### **Moving Instruments:**

- 2 High End Systems Studio Spot 575w
- 6 High End Systems Studio Color 575w
- 6 Martin MAC 250 Entour
- 1 High End Systems Data Flash

**Followspots:** 2 Lycian Starklite II 1200w. 7" color cuts. Followspot booth with audio monitor and 2 production communication headsets is located in the balcony, directly above the control booth.

### **Hardware:**

- 63 ETC Source 4 Pattern Holders
- 4 ETC Source 4 Jr. Pattern Holders
- 5 6-inch barn doors
- 4 8-inch barn doors
- 8 10' x 1" pipe with 50 lb. base towers
- 33 Side Arms with Tee Nut adaptors
- 1 Genie™ Personnel Lift. 30' extended height.
- 1 Scaffolding unit (18' high). Permanently assembled.
- 1 21' fiberglass extension ladder
- 1 12' fiberglass A-frame ladder
- 1 8' fiberglass A-frame ladder
- 1 6' fiberglass A-frame ladder

**Notes:** All instruments and circuits are wired for Stage Pin (2P&G).

Four dedicated electrics exist on the counter-weighted battens. Each is 69' long. For Location please see Line Set Schedule. Cyc Electric (#5) is cabled and typically on lineset 26.

### **Film, Audio, and Projection Equipment:**

- Sanyo PLC- XF60 / 1024 x 768 XGA 6500 lumens
- Eiki Powerhouse Projector 2200 lumens
- 10.5' x 14' Rear Projection Screen
- 15' x 20' Rear Projection Screen

# Sound

**Wiring:** Inputs at stage right, stage left, orchestra pit, backstage right, backstage left, tension grid, and loading dock.

**Control Locations:** Booth at rear of orchestra seating. Window to booth is permanently open but the Front of House mixing console is located under the balcony in a semi-enclosed space. The mixing station may not be moved into the house due to the limited size of the house, equipment requirements, and the aesthetic policy of the Vilar Center.

**Hearing Assist System:** 10 Gentner RX-1A Assistive Listening Receivers.

**Monitor/Paging System:** Monitor system in the lighting and sound stations, all dressing rooms, the green room, the production room, the stage manager console, and the followspot booth. The sound booth is also capable of paging through the monitor system.

**Production Communications:** Telex Audiocom. 2 Channels.

Stations: fly-rail, stage left, stage right, followspot booth, tension grid,  
2 stations in electrics/sound booth, 2 stations along back wall of stage.  
2 Channel Wireless w/ 2 bodypacks (1 frequency)

## **EQUIPMENT INVENTORY**

### **Mixing Consoles:**

**Front of House:** Midas Legend 3000 , 48 mono channel, 4 stereo channels, 10 VCA, 12 aux., 8 groups, 6 mtx.

**Monitor Mixing:** DDA CS12M, 32 channel including 4 stereo channels. Twelve individual mixes are possible with each mix individually EQ'ed with Ashleys. Monitor Mixing Position is Downstage Right

**Fixed Speakers:** Adamson Spektrix line array. 6 Spektrix, 2 Wave, 1 dual 18" Sub. per side.

**Monitor Speakers:** 10 EAW SM122E and 2 EAW SM155 monitor speakers.  
2 EAW SM200 / crown 36 x 12 BI-amp

**Front Fill Speakers:** 4 EAW JF-80

## SOUND, CONT.

**Microphones:**

- 1 Neumann KMS 105
- 5 Shure SM-57,
- 9 Shure SM-58,
- 6 Shure Beta 87C
- 2 Shure Beta 87A
- 4 KSM32 Studio Condenser
- 4 Beta98D/S
- 2 Beta52A
  
- 1 Shure SM-81
- 4 AKG-C535EB,
- 2 AKG-C747 comb,
- 4 AKG-C391B (se300b),
- 5 AKG 10" shotguns (used w/se300b )
- 2 AKG-C414 B-ULS,
- 2 AKG-C3000,
- 1 AKG-D112,
- 3 AKG-C418,
- 7 Sennhiser-MD421 II,
- 1 Shure SM-91
- 3 Crown PCC floor mic
- 9 AT853 Uni-point hanging mics

### **Microphones Wireless:**

- 3 Shure Dual Channel U4D Recievers
- 8 Shure Body Packs with WL 9 , Isomax B3 , Isomax E6 headsets
- 8 Shure SM Beta 87 Hand Held Transmitters
- 1 Sennheiser Dual Channel EM 3032 Reciever
- 2 SK 3063 Body Pack with MKE 2 Mic Element or E6 Isomax headsets
- 2 SK 3072U Hand Held Transmitters
- 1 DPA 4066 head set ( adapters for Shure & Sennheiser)

**Playback:** 2 Tascam Compact Disc Players- CD401mk 2,& CD450, 1 Tascam CD-RW 750 1 Tascam Cassette Tape Recorder, 2 Tascam Mini Disc Players - MD 301 mk 2 & MD350, 1 Tascam Dat Recorder DA-20 mk 2

**Signal Processors:** Omni Drive Compact Plus Management System , House EQ: Klark Teknik ND 3600, House Compressors: Avalon 747sp

## SOUND, CONT.

### **Out Board Processing Equipment:**

2	Rev 500
1	SPX 990
1	Lexcon PCM 91
1	TC Electronics M3000
1	TC Electronics D2 Multitap Delay
2	Stereo Drawmer 1960 Tube Compressor
2	Stereo Drawmer 1961 Tube Parametric
5	Stereo DBX 1066 Compressors/Limiter/Gate
4	Gates, Drawmer

**Amplifiers:** Lab Gruppen fp series

**Notes:** NO HOUSE MIX POSITION IS AVAILABLE. Due to limited seating and equipment requirements, all Front of House sound mixing must occur from the booth (which has open windows). This facility is acoustically bright with wood reflective surfaces on all walls. Adjustable acoustical banners are present on side walls for adjustment during amplified or reinforced events.

## PROPS

**Orchestra Pit:** The curved orchestra pit is 32' wide with a depth from the Plaster Line of 14' at the center and a depth of 8' at the sides. The orchestra pit has a depth of 4'6" from the stage floor. No lift or elevator.

### **MUSIC:**

**Pianos:** 1 - 9' Steinway D Concert Grand  
1 - Steinway Upright

**Chairs:** 30 black cushioned orchestra chairs.

**Stands:** 34 black Manhasset stands. Conductor's stand is available.

**Stand Lights:** 30 clip lights, 40W, no dimming capabilities.

**Conductor Podium:** Wenger Double Conductors Podium.

**Orchestra Shell:** 5 towers with a ceiling piece, natural pine.

**Platforms:** Wenger Versalite 3000 and 5000 Platform Series. 10 - 8' x 4' sections with triangle additions for semi-circle arrangements. Interchangeable legs can create heights of 8", 16", and 24".

**Dance Floor:** Harlequin Black/Grey Reversible, 32' x 49'.

**Lecterns:** 1 light wood podium. Podium unit includes microphone/speaker and light for small engagements.

**Notes:** None.

## WARDROBE

### **Dressing Rooms:**

1 Chorus Room, 18'3 x 11'10", fitting 12 comfortably with mirror space for 9 persons.

1 Chorus Room, 11'4 x 11'3", fitting 9 comfortably with mirror space for 9 persons.

1 Star Room, 10'5" x 8'4", with mirror space for 2 persons.

1 Star Room, 11'2" x 9'2", with mirror space for 3 persons.

All four dressing rooms are located on a hallway leading directly to backstage right. The farthest star dressing room is 74' from backstage. All four dressing rooms include tables, mirrors, make-up lighting, rolling clothes racks, a sink, a toilet, a shower, and towels. The two larger dressing rooms are equipped with handicap-accessible restrooms/showers.

**Wardrobe Area:** None.

**Irons:** 2

**Ironing Boards:** 2 mobile units

**Steamers:** 2

**Washers/Dryers:** 1 Frigidaire Heavy Duty Extra Capacity Washer and Dryer

**Racks and Hangers:** 4 rolling clothes racks, 5'1" tall, 4'2" long, 20" wide.

**Quick Change Booths:** None.

**Notes:** None.

## HIGH ALTITUDE INFORMATION

(Information provided by Beaver Creek Medical Center in a pamphlet titled “High Altitude Health Tips.”)

“In the Vail/Beaver Creek area, there is 30 percent less oxygen and 50 percent less humidity than at sea level. Everyone is affected to some degree, and the symptoms range from restlessness and shortness of breath, to coughing, to increased heart rate and headaches. Although it can be serious, it’s easily avoidable.”

### **WHAT TO DO:**

“When you arrive in the mountains, rest appropriately and don’t overdo it. Over exerting before your body can adjust, usually in a day or two, will make the symptoms worse. Avoid alcohol because it will dehydrate you, and keep the caffeine to a minimum. You’ll need to drink 40 or 50 percent more fluids per day than you would at sea level. The decreased humidity, along with the decreased oxygen at this altitude makes dehydration a common health problem. You’ll breath faster, and that causes the body to lose moisture more quickly. If you’re over age 35 and are planning strenuous exercise at high altitude, it would be wise to check with your doctor.”

### **OTHER HELPFUL HINTS:**

“**Sunburn:** At this altitude, the sun’s ultraviolet rays are much stronger, and are multiplied because they reflect off the snow. You can get seriously burned in as little as 20 minutes if you’re not using proper protection. Coat your face and lips with at least a sun protection factor 15 sunscreen. Apply your sunscreen every second or third run throughout the day. Wear proper goggles or sunglasses to protect your eyes. If you do become burned or blistered, don’t hesitate to call a physician at the Beaver Creek Medical Center.”

“**Frostbite:** The best cure is prevention, but you experience frostbite do not rub it. Slowly warm the affected area in lukewarm water. Call a physician, especially if the frostbite has affected a large area.”

“**Nosebleeds:** Increased activity and low humidity dry membranes in the nose, which may bleed. You can prevent it by putting a touch of Vaseline in your nostrils each morning and night, and maintaining an increased fluid intake.”