

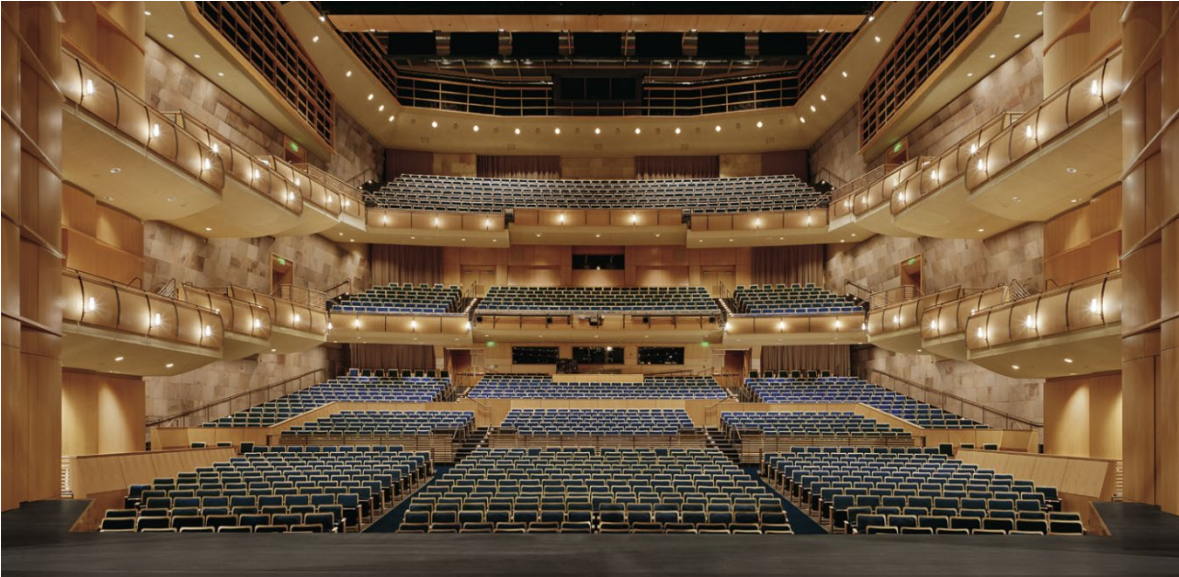
TECHNICAL SPECIFICATIONS FOR



Barbara K. and W. Turrentine
JACKSON HALL

Mondavi Center
UC DAVIS

Jackson Hall at the Robert and Margrit Mondavi Center for the Performing Arts



Above photo by Max Whitaker



TABLE OF CONTENTS

DEPARTMENT CONTACTS	2
WELCOME	3
MISSION STATEMENT	3
THE PRODUCTION DEPARTMENT	3
IMPORTANT POLICIES	4
CAPACITIES AND DIMENSIONS	8
STAGING	9
LINESET SCHEDULE	13
AUDIO	16
LIGHTING	21
VIDEO	23
WI-FI CONNECTIVITY	26
POWER	27
LOADING DOCK and BACKSTAGE SUPPORT	28
DIRECTIONS to the LOADING DOCK	31

Mondavi Center
UCDAVIS
DEPARTMENT CONTACTS

Revised November 2023

Name	Title	Office telephone	E-mail address
Christopher C. Oca	Production Manager	530-752-8440	ccoca@ucdavis.edu
Jack McDowell	Assistant Production Manager	530-752-8582	jmcdowell@ucdavis.edu
Holly McNeill	Stage Manager	530-754-0843	hmcneill@ucdavis.edu
Gary Erwin	Stage Manager	530-752-8447	gerwin@ucdavis.edu
Asher Johnson	Classroom Stage Manager	530-754-2307	ahjo@ucdavis.edu
Daniel Brehm	Senior Events Coordinator	530-754-9174	rdbrehm@ucdavis.edu
Collin Ronsonette	Master Carpenter/Rigger	530-752-2164	cronsonette@ucdavis.edu
Tristan D. Wetter	Master Electrician	530-752-6703	tdwetter@ucdavis.edu
Rodney Boon	Head Audio Engineer	530-754-8014	rboon@ucdavis.edu
Daniel Villegas	Lead Audio Engineer	530-754-5691	jdvillegas@ucdavis.edu
Wai Kit Tam	Lead Video Technician	530-752-8444	wktam@ucdavis.edu
Lydia Cope-Arguello	Lead Electrician	530-754-8672	lcopearguello@ucdavis.edu
Karl Metts	Assistant Audio Technician	530-752-4604	jkmetts@ucdavis.edu
<i>Vacant</i>	Senior Stage Technician		

Additional contact information

Production Department group e-mail

mcproduction@ucdavis.edu

(This e-mail address contacts all members of the Production Department)

Artist Services:

Contact Artist Services Manager Megan Campbell-Miller at 530-752-8452 or mcampbellmiller@ucdavis.edu

Merchandise:

Contact Artist Services Manager Megan Campbell-Miller at 530-752-8452 or mcampbellmiller@ucdavis.edu

Rental bookings:

Contact Director of Operations Herb Garman at mcrentals@ucdavis.edu

MondaviArts.org
 Administration: 530-754-5000
 Ticket Office: 530-754-2787

WELCOME

The Robert and Margrit Mondavi Center for the Performing Arts is a state-of-the-art facility that houses over 250 events and performances per year, ranging from concerts and dance performances to lectures and large conferences. The Production Department's team of dedicated professionals stands ready with our expertise, creativity, and can-do attitude to help make your show or event a resounding success. Anything is possible at the Mondavi Center—and given the right resources, we can create magic for you!

Located on the campus of UC Davis, the Mondavi Center opened in October 2002. It is comprised of two venues. Jackson Hall is a 1,801-seat proscenium theater/concert hall. The Vanderhoef Studio Theater is a versatile black-box space. In addition, events can be held in the spacious Yocha Dehe Grand Lobby and private Bartholomew Room, as well as several outdoor spaces.

The Mondavi Center was designed by Stanley Boles with the firm of Boora Architects of Portland, Oregon. Theatre consultation was by Auerbach Pollock Friedlander. The acoustician was Ron McKay. The general contractor on the project was McCarthy Construction Company.

Thank you for choosing the Mondavi Center for your presentation and performance needs!

MISSION STATEMENT

Illuminate. Educate. Connect.

THE PRODUCTION DEPARTMENT

The Mondavi Center Production Department consists of 13 full-time staff, 20 part-time professional stagehands, and 15 student stagehands. As part of our educational mission, student stagehands fill selected positions and work alongside staff and professional stagehands on specific events

IMPORTANT POLICIES

To help the production process go as smoothly as possible, we want to make you aware of some key Mondavi Center policies. Please let us know if you need additional information about any of these policies. Also, note that, although these are the most important policies, this is not an exhaustive list.

Public Health

All artists, touring personnel, visitors, Mondavi Center employees, and volunteers are required to comply with all current health and safety protocols, as directed by Yolo County Public Health and UC Davis. At a minimum, the Mondavi Center will meet—but may choose to exceed—local, county, state, and federal health directives.

Crew Work Hours

In accordance with the University of California’s contract with the University Professional and Technical Employees (UPTA) union, members of the Production staff and crew are given:

- a paid fifteen-minute break after two hours
- an unpaid 30-minute meal period every four to five hours
 - When possible, the Mondavi Center prefers that meal breaks be sixty minutes

Equipment and Systems

All Mondavi Center equipment will be set up, operated, and taken down by Mondavi Center personnel.

All Mondavi Center systems will be operated by Mondavi Center production personnel. Qualified non-Mondavi Center personnel may operate the lighting, sound, and video systems with the approval of Production Department staff.

Pre-show Emergency Announcement

The State of California requires an announcement regarding emergency exits to be made at the beginning of every performance or event that is held in Jackson Hall. It can be recorded, live, or projected. The Stage Manager for your event will coordinate the logistics of this announcement with you.

Maximum Sound Levels

Due to the acoustical nature of the Mondavi Center, sound levels above 87 decibels (dB) in the Jackson Hall seating area and the entire Vanderhoef Studio Theatre space have proven to be particularly detrimental. In addition, certain frequencies are especially amplified in Jackson Hall, and pushing or not controlling these frequencies will cause discomfort to most audience members. The following is language that is incorporated in the UC Davis Performance Agreement that has already been agreed to and signed off on by your artist or agent:

"In order to provide the best experience for both Artist(s) and patrons, the following must be adhered to with regard to sound levels in the Audience Chamber:

- (1) Artist(s) agrees that Artist's staff will consult with University sound engineer on all sound levels, balances, equalizations, and stage instrument amplifier settings;
- (2) Average sound levels resonating in the Audience Chamber may not exceed 87 dB, as measured by a member of the University's staff using a professional sound meter on setting "C" at the house mix position;
- (3) If Artist's(s') engineer operates the sound board, University sound engineer shall retain ultimate control of the sound pressure levels, balances, equalization, and stage instrument amplifier settings;
- (4) At all times, Artist(s) or Artist's(s') representative must be present at sound checks.

To specifically ensure the safety of the Artist(s), the Artist's(s') staff, University staff, and patrons, the following must be adhered to with regard to the sound level in the area from the front of the Performance stage floor to the back of the Performance stage wall ("On-stage"):

- (5) Average sound levels resonating On-stage may not exceed 95 dB in Jackson Hall and 87 dB in the Vanderhoef Studio Theatre, as measured by a member of the University's staff using a professional sound meter on setting "C" at the onstage monitor mix position;
- (6) If Artist(s) require monitor levels in excess of 95 dB On-stage in Jackson Hall and 87 dB On-stage in the Vanderhoef Studio Theatre in order to perform, the Mondavi Center will supply in-ear monitors for the Artist(s) to use in lieu of wedges and side fills. Please provide a minimum of ten days' notice for this option." **(Please note:** If needed, organizations renting Jackson Hall or the Vanderhoef Studio Theatre must supply in-ear monitors for their own contracted artists.)

Flameproofing and Safety Standards

It is the policy of the Mondavi Center to fully comply with all University, city, county, state, and federal safety and fire regulations. UC Davis' regulations are among the strictest in the country.

All flown sets and soft goods brought into the facility by outside companies must be flameproofed in full compliance with all applicable city, county, state, and federal codes. Proof of flame retardancy must be provided at the time of load-in. All sets, props, and other items brought into the facility by outside companies must also meet safety standards established by the Production Department. The Production staff reserves the right to prohibit the entry of any item failing to comply with fire codes and/or safety standards.

The fire codes also apply to any equipment set up in the house. The placement of consoles, cable runs, cameras with tripods, etc. is subject to the approval of the Mondavi Center Production Manager and, in some cases, the UC Davis Fire Marshal.

Fire Curtain

No equipment may be set up on the stage that will in any way impede the operation of the fire curtain. This includes chairs, mic stands, music stands, and monitor wedges.

Hard Hats

Anyone located on the Jackson Hall stage will don an approved hard hat whenever workers enter the grid area. Anyone working as personnel lift or ladder crew will don an approved hard hat.

Anyone entering the Vanderhoef Studio Theatre tension grid area will don an approved hard hat. In addition, anyone located underneath the tension grid in the Vanderhoef Studio Theatre will don an approved hard hat whenever workers enter the grid area above.

Fall Protection

Anyone working at height as defined by Cal-OSHA must use a Mondavi Center-approved harness (whether using a personal harness or one supplied by the Mondavi Center) and be clipped into a Mondavi Center-approved fall protection system (whether using a personal fall protection system or one supplied by the Mondavi Center).

Personnel Lift Use

The Mondavi Center owns two Genie personnel lifts. The crew has been trained to follow ALL safety rules that have been set by Genie. These rules include, but are not limited to:

- The lifts will be thoroughly inspected prior to each use
- The basket must be lowered completely before moving or re-positioning the lift
- The lift outriggers will be used at all times while the Genie is in use and will not be bypassed at any time
- The lift will not be used to carry objects to height
- Only one person at a time will be allowed in the basket
- The lifts may not be used to climb onto truss or sets at height

Note: If you bring your own personnel lift to use at the Mondavi Center, you will also be required to comply with these safety rules.

Material Data Safety Sheets (MSDSs/SDSs)

To comply with Occupational Safety and Health Association regulations, every material used in the Mondavi Center must have an OSHA-approved MSDS/SDS on file. If you plan to bring any materials that are necessary for your show, please let us know in advance. If we're not able to track down the applicable OSHA-approved MSDS/SDS, we'll need you to supply a copy.

Special Effects

The use of special effects equipment—including, but not limited to, smoke machines, fog machines, hazers, and all types of pyrotechnic equipment—as well as the use of candles, prop cigarettes, and all types of flames is subject to the advance approval of the Production Manager and the UC Davis Fire Marshal. Please provide a minimum of three weeks' advance notice. The fire alarm system has to be bypassed in the zones where atmospheric effect machines are used, and we must be granted a permit in advance from the Fire Marshal in order to schedule this. The operation of all atmospheric effect machines must be coordinated with Mondavi Center staff at all times, including load-in, lighting focus, sound check, rehearsal, and show.

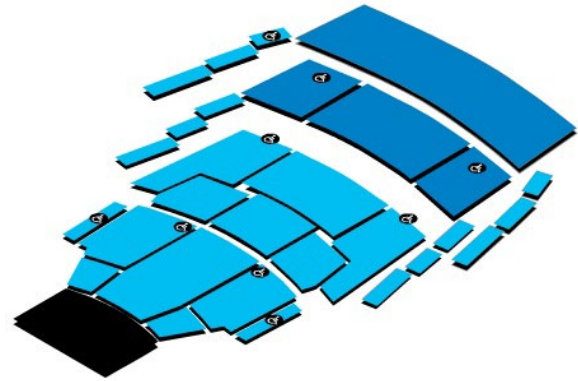
Smoking and Use of Tobacco Products

UC Davis is a smoke- and tobacco-free campus. Smoking, the use of smokeless tobacco products, and the use of unregulated nicotine products (e-cigarettes) is strictly prohibited on any UC Davis-owned or -leased property, indoors and outdoors, including parking lots and residential spaces.

CAPACITIES AND DIMENSIONS

Seating at Jackson Hall

Orchestra lift #1	70
Orchestra lift #2	58
Orchestra main floor	591
Orchestra Terrace	371
Orchestra Boxes	16
Grand Tier (balcony)	309
Grand Tier Boxes	32
Upper Tier (balcony)	322
Upper Tier Boxes	<u>32</u>
Total:	1,801



Stage Dimensions

Overall	50' deep x 112'-8" wide (15.24m x 34.34m)
Concert shell storage (behind stage)	20' deep x 37' wide (6.1m x 11.28m)
Proscenium width	49'-6" (15.09m)
Proscenium height	Variable 20'-0" (6.1m) to 38'-6" (11.73m)
Height of stage	3'-8" (1.11m)
Plaster line to upstage wall	50'-3" (15.33m)
Plaster line to last lineset	46'-0" (14.77m)
Plaster line to apron edge	7'-1" (2.16m)
Curtain line to apron	8'-1" (2.46m)
Curtain line to edge of Lift #1	20'-10" (6.35m)
Curtain line to edge of Lift #2	27'-10" (8.48m)
Curtain line to upstage wall	50'-0" (15.24m)
Center line to stage left wall	60'-0" (19.22m)
Center line to stage right wall	52'-0" (16.17m)
Height to under grid	80'-0" (24.4m)
Access to house	Corridors on each side of the stage

*Note: Because of the configuration of the seats, stairs cannot be added from the stage to the house.

STAGING

Stage Floor Construction

Dropped tongue & groove white oak strip flooring with two layers of ¾" plywood on 2" x 4" sleepers laid on 24" centers.

Color: Black

Tagging into the stage deck is permitted only at the discretion of the MC Master Carpenter, with pilot holes required. Please contact the Master Carpenter for details.

Orchestra Lifts

Lift #1 48' wide x 12'-6" deep at center line (14.64m x 3.81m)

Lift #2 58' wide x 7' deep at center line (17.69m x 2.14m)

Lift #1 has an area of 800 square feet (74.32 square meters) and can accommodate approximately 50 musicians. If Lift #1 is used, 70 seats are killed.

Lifts #1 and #2 have a combined area of 1,200 square feet (111.48 square meters) and can accommodate approximately 75 musicians. If Lifts #1 and #2 are both used, 128 seats are killed.

Both orchestra lifts can be raised from 0'-0" (house level) up to stage level at 3'-8" (1.11m). They may also be lowered below house level to be set up as an orchestra pit. The orchestra lifts may not be raised or lowered during a performance.

Other Dimensions

FOH catwalk #1 to center line at plaster 80'-0" (24.4m) – 43° angle

FOH catwalk #2 to center line at plaster 96'-0" (29.28m) – 34° angle

Box booms to deck

Upper 50'-60' (15.25m-18.3m)

Lower 25'-35' (7.63m-10.28m)
45° downward and 45° to stage

Balcony rail to center line at plaster 102'-0" (31.11m) – 7° angle

Control booth to center line at plaster 120'-0" (36.6m) – 5° angle

Projection booth to center line at plaster 138'-0" (42.09m) – 12° angle

Followspot booth to center line at plaster 150'-0" (45.75m) – 26° angle

Counterweight System

Type	Single purchase counterweight 1 st electric is a modified double purchase handline system
Operation	Manual
Weight available	+/-50,000 lbs. (22,700kg) counterweight available
Linesets	64 sets - installed at 8" (20.32 cm) centers, except for sets #6 - #12 at 6" (15.24 cm) centers
Lines per set	7 lines rigged every 12' (3.66m)
Batten length	73'-6" (22.42m)
Batten travel	Typical 74'-0" (22.56m) from +4'-0" (1.22m) to +78'-0" (23.79m)
1 st electric	50'-0" (15.25m) from +3'-0" (.92m) to +53'-0" (16.17m)
Ladder sets	Two linesets running upstage/downstage for lighting ladders, each 43'-7" (13.33m) long and 40'-2" (12.26m) from center
Tab sets	Two linesets running upstage/downstage for tabs, each 41'-0" (12.49m) long and 41'-11" (12.8m) from center
Locking rail locations	Stage right at stage level and at midrail
Pinrails	Midrails on stage right and stage left at 36' (10.97m) above the deck
Arbor capacity	2,200 lbs. (1,000kg) above pipe weight
Loading	Two locations - at the grid-level loading bridge and SR midrail
Other equipment	Bottom pipe for backdrops

Draperies

Drape	Quantity	Size	Color
Main curtain (2 – panels)	1	38'-9" x 34'-0" (11.82m x 12.81m)	Navy Blue
Main valance	1	73'-6" x 20'-0" (22.42m x 6.1m)	Navy Blue
Legs	12	18'-0" x 34'-0" (5.49m x 10.37m)	Black
Borders	6	73'-6" x 15'-0" (22.42m x 4.57m)	Black
Traveler panels	4	59'-0" x 34'-0" (18m x 10.37m)	Black
Full stage black-outs	2	38'-0" x 34'-0" (11.58m x 10.37m)	Black
Cycloramas (filled scrim)	2	73'-6" x 34'-0" (22.42m x 10.37m)	White
Bounce cyclorama	1	73'-6" x 31'-0" (22.42m x 9.46m)	White
Sharkstooth scrim	1	73'-6" x 35'-0" (22.42m x 10.68m)	Black
Tabs	4	8'-6" x 45'-0" (2.59m x 13.73m)	Black

Rigging

Gridiron	80'-0" (24.4m) above stage floor with 7' (2.14m) clear to roof Clear area grating grid with 3" x 4" (.08m x .10m) openings
Bearing bar capacity	290 lbs. (131.66kg) 12' x 8' (3.66m x 2.44m) grid of 2,000 lb. (908kg) point load capacity
Chain hoists	3 @ 1-ton (907.19 kg)

Please note: Rigging points are limited downstage of the plaster line. Please check with the Master Carpenter regarding options.

Stage Equipment and Properties

Item(s)	Quantity
Chairs, black Wenger Musician	250
Chairs, black Wenger Cello	18
Music stands, Wenger	90
Music stand lights	65
Orchestra risers – extensive inventory of decks and frames	Contact Master Carpenter for details
Conductor’s podium	1
Dance floor, Harlequin Studio – black only	7 rolls
Dance floor, Harlequin Standfast – black only	7 rolls
Barres	7
Rosin boxes	2
Flag with base, United States – 3’ x 5’	1
Flag with base, State of California – 3’ x 5’	1
Flag with base, University of California – 3’ x 5’	2
Lecterns (do not match)	2
Tables – rectangular – various sizes	50
Tables – 72” rounds	20
Concert shell with full overhead and side structures and backing towers, plus overhead lights incorporated for general white concert lighting	1

Please note: The use of all stage equipment, other than the concert shell, is subject to availability and must be requested in advance. Equipment is shared with the Vanderhoef Studio Theatre, with priority given to Mondavi Center Presents performances

LINESET SCHEDULE

Please note: If you would like a copy of the hang we expect to have in the air before your show, please contact the Master Carpenter.

Line-set #	Distance from plaster	Hang	Notes	Weight
FC	0'-0" (0m)	Fire Curtain	Nothing may be placed in the fire curtain line	N/A
1	1'-2" (0.36m)	Grand Valance – Navy Blue	*** Dedicated set	
2	1'-8" (0.51m)	Main Curtain – Navy Blue	*** Dedicated set	
3	2'-4" (0.71m)	Motorized projection screen	*** Dedicated set	
4	No pipe	_____	_____	_____
E1	3'-5" (1.04m)	1st Electric	*** Dedicated set - truss batten with raceway	
5	No pipe	_____	_____	_____
6	4'-7" (1.40m)			
7	5'-1" (1.55m)			
8	5'-7" (1.70m)			
9	6'-1" (1.85m)			
10	6'-7" (2.01m)			
11	7'-1" (2.16m)			
12	7'-9" (2.36m)			
13	8'-9" (2.67m)			
14	9'-6" (2.90m)			
15	10'-2" (3.10m)			
16	10'-10" (3.30m)			
17	11'-6" (3.51m)			
18	12'-2" (3.71m)			
19	12'-11" (3.94m)			
20	13'-6" (4.11m)			
21	14'-3" (4.34m)			
22	14'-10" (4.52m)			
23	15'-8" (4.78m)			
24	16'-8" (5.08m)			

Line-set #	Distance from plaster	Hang	Notes	Weight
25	17'-7" (5.36m)	Cinema border - 15'H (3.66m) x 79'W (22.4m)	*** Dedicated set	
26	18'-2" (5.54m)	Cinema legs - 18'-0" x 34'-0" (5.49m x 10.37m)	*** Dedicated set	
27	18'-10" (5.74m)	Cinema screen – 20'H (6.1m) x 40'W (12.19m)	*** Dedicated set	
28	19'-6" (5.94m)	Full stage black-out – 2 pieces @ 34'H x 59'W	*** Dedicated set	
29	20'-3" (6.17m)			
30	20'-11" (6.38m)			
31	21'-6" (6.55m)			
32	22'-3" (6.78m)			
33	22'-11" (6.99m)			
34	23'-9" (7.24m)			
35	24'-8" (7.52m)			
36	25'-7" (7.80m)			
37	26'-3" (8.00m)			
38	26'-11" (8.20m)			
39	27'-7" (8.41m)			
40	28'-3" (8.61m)			
41	28'-10" (8.79m)			
42	29'-7" (9.02m)			
43	30'-3" (9.22m)			
44	30'-11" (9.42m)			
45	31'-9" (9.68m)			
46	32'-9" (9.98m)			

Line-set #	Distance from plaster	Hang	Notes	Weight
47	33'-7" (10.24m)			
48	34'-3" (10.44m)			
49	34'-11" (10.64m)			
50	35'-6" (10.82m)			
51	36'-3" (11.05m)			
52	36'-11" (11.25m)			
53	37'-7" (11.46m)			
54	38'-3" (11.66m)			
55	38'-11" (11.86m)			
56	39'-9" (12.12m)			
57	40'-9" (12.42m)			
58	41'-7" (12.67m)			
59	42'-3" (12.88m)			
60	42'-11" (13.08m)			
61	43'-8" (13.31m)			
62	44'-2" (13.46m)			
63	44'-10" (13.67m)			
64	45'-5" (13.84m)			
65	46'-0" (14.02m)			
SR T	42' SR of CL	2 – Tabs	45'-0" x 11'-0" each	
SR L	40' SR of CL			
SL L	40' SL of CL			
SL T	42' SL of CL	2 – Tabs	45'-0" x 11'-0"	

AUDIO

Front of House

Console:	Midas PRO X-CC-TP For console information, visit http://www.music-group.com/Categories/Midas/Mixers/Digital-Mixers/PRO-X-CC-TP/p/POB4A
Speakers:	
Mains (L & R)	Meyer Leopard line arrays; (11) cabinets per side
Subwoofers	(6) Meyer 900LFC 18" cabinets – located under the stage
Front fills	Meyer Leopard – 4 per side Box seating fills Meyer UP4slim – 3 per side
Digital signal processing:	Galileo Galaxy 16-channel DSP
Outboard gear:	(1) Denon D-4500 dual CD player (1) Tascam CD-450 CD player (1) Sony MDS-E10 minidisk recorder (1) Denon DN550R recorder (thumb drive)

Front of House mix position

The FOH console is installed in the center of the Orchestra Terrace section in an area that is 8' deep by 12' across. The audio engineer is just under the lip of the Grand Tier and has direct line-of-sight with the arrays.

Monitor System

Console:	Midas PRO2C-CC-TP For console information, visit http://www.music-group.com/Categories/Midas/Mixers/Digital-Mixers/PRO2C-CC-TP/p/POBNK
Wedges:	(14) Meyer MJF210 (active)
Outboard gear:	(2) Klark Teknik DN504-B compressor/limiters (6) Klark Teknik DN360-B 1/3 octave EQs (2) Yamaha SPX990 effects processors

Microphones

Manufacturer	Model	Quantity	Notes
AKG	D-112	1	
AKG	C-414	6	
AKG	C-451	4	
AKG	C-1000	6	
AKG	C-3000	2	
Audio-Technica	ATM25	1	
Audio-Technica	AT871R	2	
Audio-Technica	AT4033	2	
Countryman	E6	4	
Crown	PCC-160	6	
DPA	4088	2	
EV	RE20	2	
Neumann	KM 105	4	
Neumann	KM 184	4	
Sennheiser	421	6	
Sennheiser	e 604	6	
Sennheiser	e 609	2	
Shure	AD1	8	Wireless bodypack transmitter
Shure	AD2	8	SM58 capsules
Shure	AD4Q	2	Quad channel wireless receiver
Shure	Beta 52A	1	
Shure	Beta 57A	1	
Shure	Beta 58A	2	
Shure	Beta 87C	8	Capsules for wireless
Shure	Beta 91	1	
Shure	Beta 98	5	
Shure	KSM9	5	
Shure	KSM32	4	
Shure	MX153	5	
Shure	MX412C	2	
Shure	SM57	12	
Shure	SM58	15	Two with switches
Shure	SM58	8	Wireless handheld transmitter
Shure	SM81	3	

Direct Boxes

Whirlwind	PCDI	2	Direct box
Radial	JDI	4	Direct box
Radial	J48	2	Direct box
Radial	Pro AV2	1	
Radial	Pro D2	1	
Generic	Generic	8	Direct box

Backline

- (2) Steinway Model D 9' concert grand pianos
- (1) Steinway Model B 7' concert grand piano
- (1) Sauter 130 upright piano
- (1) Boston upright piano
- (1) Yamaha Stage Custom jazz drum kit
with 18" and 20" kick drums and standard sizes
- (1) Fender '65 Twin Reverb Vintage Reissue guitar amp
- (1) Fender Hot Rod DeVille 212 guitar amp
- (1) SWR 750x bass amplifier head
- (1) SWR 410 bass speaker cabinet
- (1) SWR 15 bass speaker cabinet
- (1) Gallien-Kreuger 800 bass amplifier head
- (1) Harkte 410 bass speaker cabinet
- (1) Harkte 15 bass speaker cabinet

Please note: Microphones, direct boxes, and backline are shared with the Vanderhoef Studio Theatre, with priority given to Mondavi Center Presents performances.

Clear-Com

A four-channel communication system is available throughout Jackson Hall, with both wired and wireless headsets available.

Backstage Paging and Show Relay

Backstage paging and show relay are fed throughout the backstage areas, including hallways, with individual volume controls in the dressing rooms. Paging mics are located downstage left, downstage right, and in the control booth.

Assistive Listening System

A Listen Technologies FM system is provided for the hearing impaired, consisting of an FM transmitter and receivers/headsets for patrons. Stage relay is fed from the FOH console.

Mondavi Center UC DAVIS

Audio Challenges in Jackson Hall

We've learned a lot since our venue opened. Since we want you to have the best possible sound quality for your show, please take a moment to learn from our experiences.

Jackson Hall was designed primarily for classical music events. The hall has hard surfaces such as wood and stone. The room has a natural reverb time of 1.7 seconds. For amplified events, we have motorized acoustical treatment, which helps somewhat. We also have our narrow-focus line arrays, which aid in keeping the direct sound off the stone and wood surfaces.

In addition, we employ eight Meyer Leopard boxes as front fills. Because of the height of the line array, sometimes the front fills are asked to provide more coverage than they were designed for. Because of this, you may need to adjust the volume to provide even coverage from the front row back to row ten. This can be challenging if you're dealing with loud stage volume.

At FOH, because of the overhang and glass behind the console, the mix position acts as a bass trap with the loss of some of the mids. We strongly recommend that you walk the hall to listen at various locations to find out what audience members are hearing.

Above all, our patrons will always demand that the vocals be intelligible, even if the band is mixed a little softer.

Please let the house audio engineers know if they can provide you with any additional information. If you're not sure of something, ask us. After all, we share the same goal, and that's to make your show the best that it can be.

Sound Pressure Levels

Due to the acoustical nature of the Mondavi Center, sound levels above 87 decibels (dB) in the Jackson Hall seating area and the entire Vanderhoef Studio Theatre space have proven to be particularly detrimental. In addition, certain frequencies are especially amplified in Jackson Hall, and pushing or not controlling these frequencies will cause discomfort to most audience members. The following is language that is incorporated in the UC Davis Performance Agreement that has already been agreed to and signed off on by your artist or agent:

"In order to provide the best experience for both Artist(s) and patrons, the following must be adhered to with regard to sound levels in the Audience Chamber:

- (1) Artist(s) agrees that Artist's staff will consult with University sound engineer on all sound levels, balances, equalizations, and stage instrument amplifier settings;
- (2) Average sound levels resonating in the Audience Chamber may not exceed 87 dB, as measured by a member of the University's staff using a professional sound meter on setting "C" at the house mix position;
- (3) If Artist's(s') engineer operates the sound board, University sound engineer shall retain ultimate control of the sound pressure levels, balances, equalization, and stage instrument amplifier settings;

Sound Pressure Levels - continued

(4) At all times, Artist(s) or Artist's(s') representative must be present at sound checks.

To specifically ensure the safety of the Artist(s), the Artist's(s') staff, University staff, and patrons, the following must be adhered to with regard to the sound level in the area from the front of the Performance stage floor to the back of the Performance stage wall ("On-stage"):

- (5) Average sound levels resonating On-stage may not exceed 95 dB in Jackson Hall and 87 dB in the Vanderhoef Studio Theatre, as measured by a member of the University's staff using a professional sound meter on setting "C" at the onstage monitor mix position;
- (6) If Artist(s) require monitor levels in excess of 95 dB On-stage in Jackson Hall and 87 dB On-stage in the Vanderhoef Studio Theatre in order to perform, the Mondavi Center will supply in-ear monitors for the Artist(s) to use in lieu of wedges and side fills. Please provide a minimum of ten days' notice for this option." (**Please note:** Organizations renting Jackson Hall or the Vanderhoef Studio Theatre must supply in-ear monitors for their own contracted artists.)

LIGHTING

Control and dimmers

Console: ETC Eos (Legacy) (v2.9.2) with 2 x 20 fader wing and remote focus capability located in control booth at the rear of the Orchestra Terrace seating section. Portable client station available. For connectivity, we support Art-Net, sACN, and DMX.

Dimmers: ETC Sensor
(576) 2.4Kw dimmers
(16) 6Kw dimmers

Circuits Connector Style: Stage pin

Please note: Lighting inventory is shared with the Vanderhoef Studio Theatre, with priority given to Mondavi Center Presents performances.

Lighting Inventory

Manufacturer	Model	Quantity	Wattage	Notes
ETC	Source 4 – 5°	10	575	Located on Jackson Hall catwalks
ETC	Source 4 – 10°	45	575	
ETC	Source 4 – 19°	35	575	
ETC	Source 4 – 26°	70	575	
ETC	Source 4 – 36°	100	575	
ETC	Source 4 – 50°	10	575	
ETC	Source 4 – PAR	70	575	With WFL, MFL, NSP, and VNSP for each
Strand Century	6" Fresnel	20	1000	
Strand Century	8" Fresnel	35	2000	
L&E	Broad cyc – 3-cell	9	1000	
L&E	Cyc strip – 9-cell	10	750	
Chauvet	Freedom Par	9		LED fixture
ETC	Desire D40 Lustr+	19	102	LED fixture
Elation	Arena Zoom Q7IP	10	250	LED PAR fixture
Elation	ZCL 360i	10	90	LED single beam moving fixture
Chauvet	Rogue R3 Spot	5	529	LED Moving spot
Chauvet	Maverick MK2 Wash	5	503	LED Moving wash
Chauvet	Maverick MK2 Profile	5	750	LED Moving fixture

Strong	Super Trouper II	2	2000	Permanently located in followspot booth above and behind center of the Upper Tier seating section
--------	------------------	---	------	---

Lighting Accessories

- (9) Drop-in iris units
- (3) Rosco Vortex 360° dual rotators
- (10) Color extenders
- (19) 25° diffusers for ETC Lustr D40 LED fixtures
- (17) 35° diffusers for ETC Lustr D40 LED fixtures
- (40) 6" Barn doors
- (40) 8" Barn doors
- (20) Top hats for Source 4 instruments
- (8) Lighting booms @ 10' (3.05m) high
- (3) Rover booms
- (50) Side arms with sliding tees
- (40) Base Plates

Additional Equipment

- Lighting Designer station with Ethernet connection for lighting client station (Net/DMX), stage manager's panels, and Clear Com
- DMX input and output nodes (up to four DMX universes per node)
- DMX cable and 3-pin to 5-pin adapters
- Dance spotting light
- Gobo inventory on request

Please note: First DMX universe includes FOH and stage overhead circuits. Second DMX universe contains houselights.

VIDEO

Video Projector and Image Processing

(1) Barco HDX-4K20 FLEX 3-Chips DLP Projector

Lenses (TLD+):

(1) Long Throw – 4.5-7.5:1

(1) Short Throw – 2.8-4.5:1

(1) Ultra Short Throw

- 0.85 – 1.24:1 WUXGA

- 0.92-1.33 WQ/4KUHD

- 0.86-1.25:1 SXGA+

Shared lens between the HDX and SLM projectors.

(1) Barco SLM R12+ Performer DLP projector

Lenses (TLD):

(1) Long throw – 5.0-8.0:1

(1) Short throw – 2.8-5.0:1

Image processing:

(1) Barco S3-4k Gen 1

(1) 3G-SDI input card

(2) HDMI 1.4 / DisplayPort 1.1 combo input card

(1) 3G-SDI output card

(1) HDMI 1.4 Quad output card

(1) HDMI 1.4 Quad output card for multiviewer

(1) Blackmagic Design ATEM mini Pro

(1) Blackmagic Design ATEM Production Studio 4K

(1) Blackmagic Design ATEM 1 M/E Advance Panel

(1) Onkyo PR-SC885 pre-amplifier/AV controller/surround processor

Camera Equipment*:

(2) Blackmagic Design 6K Pro

(2) Sigma 24mm-70mm F2.8 DG OS HSM

(2) Atomos Shinobi 4K HDMI external monitor

(1) Samsung T5 SSD

(1) Samsung T7 SSD

(2) Camera Kits including:

Cage, external power bank, SSD mount, power bank holder,

BMPCC Battery Pro grip, tripod

(1) Crane 2S pro

*Not for image magnification (IMAG). Please consult UC Davis Academic Technology Services for event image magnification, recording or livestreaming services.

Playback:

(1) Samsung Blu-ray player

Computer Playback Devices:

(1) Mac Pro (late 2013) running the latest OS

3.5 GHz 6-Core Intel Xeon E5

32 GB 1866MHz DDR3

Dual AMD FirePro D700 6GB

(1) DigitalStorm Desktop

AMD 9 5950X

64 GB DDR4

MSI RTX 3080 with 1x HDMI and 2x DP out

(2) Alienware m15 R7 Laptops

Intel Core i7 12700H

32 GB DDR5

RTX 3070ti with HDMI out

Projection Screens

- (1) Da-Lite 10'-6"H (3.2m) x 14'W (4.27m)
viewable area for 4:3 aspect ratio media –
front (perforated) projection surface

- (1) Da-Lite 9'H (2.74m) x 16'W (4.88m)
viewable area for 16:9 aspect ratio media –
front (perforated) projection surface

- (1) Hurley 20'H (6.1m) x 40'W (12.2m)
cinema screen
front (perforated) projection surface

- (1) Da-Lite 22'-6"H (6.86m) x 30'-0"W (9.14m)
motorized Matte White front projection screen
permanently located on lineset #3

- (2) AVStrumpfl DualVision Projection Screen Kit w/ AT64 Legs and Drapery Kit
 - (1) 14' x 10'6 MonoBlox S64 (4:3) projection fabric
 - (1) 16' x 9' MonoBlox S64 (16:9) projection fabric

Video Patch Bay

- Located both upstage and downstage stage left and right
 - All cables are run from the Jackson Hall control booth to a terminal cabinet in the Trap Room (basement level), then split off to different locations backstage
-
- (4) BNC Connector (Belden 1505a)
 - (1) 5 Wire BNC connector (Canare)
 - (2) Cat 5e Data port
 - (2) ST Optical Fiber (Single Core)

Please note: Video projection inventory is shared with the Vanderhoef Studio Theatre, with priority given to Mondavi Center Presents performances.

WI-FI CONNECTIVITY

Radio locations:

- 12 – Audience Chamber
- 1 – Stage

Specifications for the Aruba AP-515 Wi-Fi radios:

- AP type: Indoor, dual radio, 5GHz 802.11ax 4x4 MIMO and 2.4GHz 802.11ax 2x2 MIMO
- 5GHz radio:
 - Four spatial stream Single User (SU) MIMO for up to 4.8Gbps wireless data rate to individual 4SS HE160 802.11ax client devices (max)
 - Two spatial stream Single User (SU) MIMO for up to 1.2Gbps wireless data rate to individual 2SS HE80 802.11ax client devices (typical)
 - Four spatial stream Multi User (MU) MIMO for up to 4.8Gbps wireless data rate to up to four 1SS or two 2SS HE160 802.11ax DL-MU-MIMO capable client devices simultaneously (max)
 - Four spatial stream Multi User (MU) MIMO for up to 2.4Gbps wireless data rate to up to four 1SS or two 2SS HE80 802.11ax DL-MU-MIMO capable client devices simultaneously (typical)
- 2.4GHz radio:
 - Two spatial stream Single User (SU) MIMO for up to 575Mbps wireless data rate to individual 2SS HE40 802.11ax client devices or to two 1SS HE40 802.11ax DL-MU-MIMO capable client devices simultaneously (max)
 - Two spatial stream Single User (SU) MIMO for up to 287Mbps wireless data rate to individual 2SS HE20 802.11ax client devices or to two 1SS HE20 802.11ax DL-MU-MIMO capable client devices simultaneously
- Support for up to 256 associated client devices per radio, and up to 16 BSSIDs per radio

Additional information at:

<https://www.arubanetworks.com/products/wireless/access-points/indoor-access-points/510-series/>

Information about UC Davis' Eduroam campus wireless at:

https://servicehub.ucdavis.edu/servicehub?id=it_catalog_content&sys_id=3647d9911b5798103f4286ae6e4bcb15

Please note: Because of the radio locations, Wi-Fi signals are strongest in the house, acceptable on stage, and weaker in the backstage areas .

POWER

Please note: There is no shore power available in the loading dock.

Company Switches

Amps	Location	Distance to downstage center	Notes
400 amp 120/208VAC 3 Ø	SL	61' (18.59m)	FM Cam-Lok™ connections with double neutrals as well as tail connection lugs and breakers
400 amp 120/208VAC 3 Ø	SL	63' (19.2m)	FM Cam-Lok™ connections with double neutrals as well as tail connection lugs and breakers
200 amp 120/208VAC 3 Ø	SL	65' (19.81m)	<u>Isolated ground for audio</u> FM Cam-Lok™ connections with double neutrals as well as tail connection lugs and breakers
400 amp 120/208VAC 3 Ø	USR	70' (21.33m)	FM Cam-Lok™ connections with double neutrals as well as tail connection lugs and breakers
60 amp 120/208VAC 3 Ø	USR	70' (21.33m)	FM interlocked disconnect pin-and-sleeve connector
200 amp 120/208VAC 3 Ø	SL midrail	105' (32m)	FM Cam-Lok™ connections with double neutrals as well as tail connection lugs and breakers
60 amp 120/208VAC 3 Ø	At gridiron level	n/a	FM interlocked disconnect pin-and-sleeve connector
100 amp 120/208VAC 3 Ø	Balcony rail	n/a	FM interlocked disconnect pin-and-sleeve connector
100 amp 120/208VAC 3 Ø	Projection booth	n/a	FM interlocked disconnect pin-and-sleeve connector

LOADING DOCK and BACKSTAGE SUPPORT

Loading Dock

The loading dock is located on the west side of the facility just off Old Davis Road (Arboretum Drive). It can accommodate up to three full-size trailers simultaneously. Equipment may be off-loaded directly onto the dock from trucks with dock-level gates or pushed from ground level up to the dock via a ramp. Trailers may be left for the length of the engagement.

Please note: There is no shore power available.

Location	Upstage left
Number of bays	3
Dock height	4' (1.22m)
*Two bays have dock levelers that can be lowered to approximately 3' (0.9144m)	
Loading doors	(2)10'-6" high x 9'-11" wide (3.01m x 3.24m)
Push distance to stage	53' (16.15m)
Push is straight inside to upstage left and at stage level [no stairs, elevators, etc.]	

Please note: The loading dock serves the entire Mondavi Center.

Set and Crate Storage

Set and Crate is a storage area located just inside the loading dock and adjacent to upstage left. It encompasses approximately 500 square feet (46.45 square meters). Additional storage space may be available. Please contact the Production Department for more details.

Dressing Rooms

Room	Capacity	Location	Notes
Star Dressing Room 142	2	Stage level	
Star Dressing Room 145	2	Stage level	
Medium Dressing Room 211	10	2 nd level	Accessible via stairs or elevator
Julita Fong Dressing Room 212	10	2 nd level	Accessible via stairs or elevator
Chorus Dressing Room 214	16	2 nd level	Accessible via stairs or elevator
Chorus Dressing Room 217	16	2 nd level	Accessible via stairs or elevator
SR Quick Change Area	N/A	Stage level – USR Light Lock	
SL Quick Change Area	N/A	Stage level – USL Light Lock	

All dressing rooms are non-gender specific, ADA-compliant and equipped with mirrors, toilets, sinks, and showers. Wardrobe racks are available for all rooms.

Wardrobe Room

The Wardrobe Room is located on the second level and is accessible by stairs or the elevator. It is fully equipped with:

- (2) Top Loading Washers
- (2) Front Loading Dryers
- (1) LG Smart Front-Loading Washer
- (1) LG Sidekick Pedestal Washer
- (1) LG Mega Capacity Front Load Dryer
- (1) Rowenta – Perfect Steam Iron Station
- (2) Rowenta Access Steam Iron
- (1) Jiffy Steamer J-4000
- (1) Jiffy Steamer J-2
- (1) Bernina 1008 sewing machine w/ attachable table

*All Free & Clear” detergent available upon request for production use only.

Williams Green Room

The Williams Green Room is located at stage level and is 750 square feet (69.68 square meters). It is fully equipped with a sink, microwave oven, drink refrigerator, and counter space. Adjacent to the Williams Green Room is the Artist Courtyard, a private outdoor area.

Catering Kitchen

The Catering Kitchen is located at stage level in the hallway between the two theatres. It is meant to be a warming and staging area only for caterers. Food may not be prepared or cooked on site. The Catering Kitchen is equipped with refrigerators, a warming oven, an ice machine, a sink, and counter space.

DIRECTIONS to the LOADING DOCK

Shipping and Mailing Address*

Mondavi Center for the Performing Arts
UC Davis
One Shields Avenue
Davis, CA 95616-8543

*Please coordinate all production essential deliveries with your Mondavi Center contact.

Written Directions

- Take I-80 to Davis.
- Take the exit for the Robert and Margrit Mondavi Center for the Performing Arts (exit 71).
- Turn onto Old Davis Road heading north. Follow it around the bend. You'll go past an information kiosk on the left.
- Just past the kiosk will be a round-about. Follow the round-about around counter-clockwise and take the 2nd exit you come to, so that effectively you make a left turn from Old Davis Road.
- You'll immediately come to a stop sign, which should be Arboretum Drive—turn right.
- Go down the road and turn right towards the parking lot. (It will be the only right turn you can make.)
- As soon as you turn right, the entrance to the loading dock will be on your left.

Coordinates

The Mondavi Center is adjacent to exit 71 off I-80 in Davis, California. Copy and paste the following coordinates into Google Maps™ to show you exactly how to get to the intersection of California and Arboretum:

California and Arboretum: 38.533892,-121.751793

From there, proceed east on Arboretum. Go down the road and turn right towards the parking lot. (It will be the only right turn you can make.) As soon as you turn right, the entrance to the loading dock will be on your left.