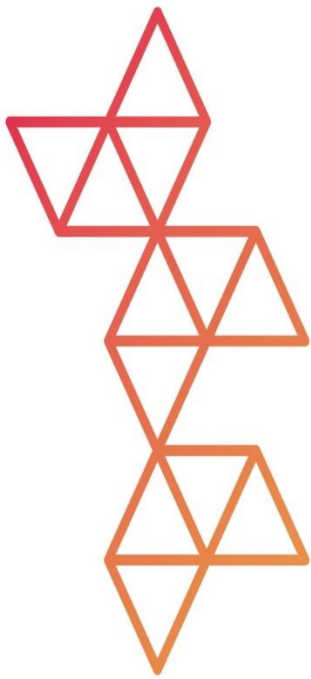


# Fred Kavli Theatre

## Technical Data



BANK OF AMERICA  
**PERFORMING**  
**ARTS CENTER**  
THOUSAND OAKS

# The Fred Kavli Theatre For The Performing Arts

Theatres Director:

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2100 Thousand Oaks Blvd.

Thousand Oaks, CA 91362

## PARKING

Structure:	Parking for -	723
	Disabled -	24
Loading Dock:		24
	Disabled -	1

## AUDITORIUM SEATING

Maximum Capacity:	1800 Seats
Orchestra Pit Lift:	72 Seats/ 0 Wheelchairs
Orchestra Floor:	733 Seats/ 10 Wheelchairs
Founders Circle & Boxes:	191 Seats/ 4 Wheelchairs
Mezzanine & Boxes:	414 Seats/ 10 Wheelchairs
Balcony:	390 Seats/ 6 Wheelchairs
2 - Viewing Rooms; each:	9 Seats/ 1+ Wheelchairs

## STAGE DIMENSIONS

Variable Proscenium Opening:	40' to 56' wide
Proscenium Height:	35'
Curtain Line to Upstage Wall (Stage Depth):	47'
Curtain Line to Apron Edge:	10'
Orchestra Lift Depth (On Centerline):	11'- 6"
Stage Width:	118'
Proscenium Arch to Stage Left Wall:	32'
Proscenium Arch to Stage Right Wall:	30'
Grid Height:	86'- 6"
Scene Dock (Depth x Width):	26' x 60'

## BACKSTAGE FACILITIES

Loading Dock Capacity:	3 Trailers/ Production Vans
Loading Dock address:	225 S. Conejo School Road 91362
Green Room w/ kitchenette; Rehearsal/ Dance Warmup	

## STAGE DRAPERY

	WIDTH	HEIGHT
House Curtain	73'	41'
Teaser	83'	20'
Border #1	83'	16'
Borders #2, 3, 4, 5, #6 - 60' x 10'	83'	10'
Legs (prs.) #1, 2, 3, 4, 5, 6	14'	32'
Midstage Traveler	68'	32'
Upstage Traveler	84'	32'
Scrim (Sharkstooth)	83'	31'
Sky Drop/ RP Screen	70'	36'
Tabs (2 Each)	33'	32'
Blackout Drops (2 Each)	44'	43'

## RIGGING

- 1 - Motorized Fire Curtain
- 2 - Motorized Electric #1 & 2

Room (34' x 41') Including: mirrored wall, ballet bar, and sprung floor; Costume Maintenance Shop and Laundry Room; Road Manager's Office, Crew Office and Lounge.

## DRESSING ROOMS

All dressing rooms have makeup mirrors, counters, wardrobe hanging racks, lockers, sink(s), toilet(s) and shower(s), and are served by elevator and staircases. Dressing rooms are ADA accessible, except as noted below.

Stage Right:	Headliner Dressing Room (1 person)
	Star Dressing Room #1 (2 person)
	Star Dressing Room #2 (3 person)
	Quick Change Room (upstage right, 2 person)
Lower Level:	4 - Featured Player Dressing Rooms
	(2 person, 2 are not ADA accessible)
	1 - Small Chorus Dressing Room (17 person)
	1 - Large Chorus Dressing Room (33 person)
Makeup/Performer Stations:	64 total

## ORCHESTRA PIT

80 Musician Capacity, in stepped pit. ADA Accessible.

## ORCHESTRA PIT LIFT

Spiral Lift Type, with 50 lbs.sq.ft. live load lifting capacity at 8-10 feet per minute and 125 lbs.sq.ft. static carrying capacity. The Seating Wagon (Rows AA, BB & CC) is moved on air bearings.

## ORCHESTRA SHELL

Encloses maximum 1550 square feet behind proscenium. Eleven floor-mounted, casted, nesting Side Towers store upstage in Scene Dock. Ceiling Panels and Clouds fly and store overhead.

## HOUSE PIANOS

- 1 - Steinway Model D - 9' Concert Grand (A441)
- 1 - Yamaha CFIII - 9' Concert Grand/Midi Player (A440)
- 1 - Yamaha CF-3 - 6'-1" Grand (In Founders Room)
- 1 - Yamaha 48" Upright Rehearsal Piano
- 1 - Kawai Upright Rehearsal Piano

## FULLNESS MATERIAL COLOR

75%	Velour	Red
Flat	Velour	Red
Flat	Velour	Black
Flat	Velour	Black
Flat	Velour	Black
50%	Velour	Black
50%	Velour	Black
Flat	Seamless	Black
Flat	Plastic	White
Flat	Velour	Black
Flat	Velour	Black

- 3 - Motorized Shell Ceiling
- 3 - Single Purchase Counterweight Shell Clouds
- 1 - Single Purchase Cyc Electric

- 1 - Double Purchase Sky Drop/ RP Screen
- 4 - Double Purchase Counterweight Tab Battens
- 2 - Single Purchase Counterweight Tab Battens
- 53 -Single Purchase Counterweight Linesets, including:
  - 1 - House Curtain
  - 1 - Teaser
  - 1 - Blackout Drop
  - 6 - Borders
  - 6 - Legs (pairs)
  - 1 - Concert Curtain
  - 1 - Projection Screen
  - 1 - Midstage Traveler
  - 1 - Upstage Traveler
  - 1 - Scrim
  - 33 - General Purpose
  - 33 – 5/8" Spotting Blocks

## ARBOR CAPACITIES

Tabs and Linesets:	1825#
Electrics:	2350#
Shell Clouds:	2350, 2405, 2870#
Counterweight Hoist:	1300#

Locking Rail and Loading Platform are Stage Right.  
Fly Floors are Stage Right and Left w/ Upstage Crossover.

## LIGHTING THROW DISTANCES - To Curtain Line

Followspot Booth	120'
Mezzanine Control Room	106'
Balcony Front Rail	94'
Founders Circle/ Mezzanine Front Rail	64'
Lighting Catwalk #2	93'
Lighting Catwalk #1	75'
Side Slot #2	70' - 100'
Side Slot #1	30' - 70'

## ROAD COMPANY & TELE-PRODUCTION ACCOMMODATIONS

- 1 - Front-of-House Lighting Circuit Intercept Panel (Backstage Patch)
- 3 - 400 Amp Company Switches, 120/208VAC 3 $\phi$ /4w bus connections and Posi-Lok Connections. D Stage L.
- 2 - 200 Amp Auxiliary Equipment Switches, 120/208VAC 3 $\phi$ /4w. with bus connections and Posi-Lok Receptacles. Upstage Left and Right.
- 1 - 200 Amp Road Sound Switch, with Power Sifter. Mid-Stage Left.
- 1 - 60 Amp Aux Switch, 120/208VAC 3 $\phi$ /4w. with bus connections and Posi-Lok Receptacles. On Grid.
- 2 - 225 Amp Production Van Switches, 120/208VAC 3 $\phi$ /4w. with bus connections, Posi-Lok Receptacles, & Power Sifter in the Loading Dock Vestibule.
- 1 - Cable Trench from Loading Dock to Downstage Left.
- 1 - Cable Tunnel from Downstage Left to Audio Mix Position at rear of Orchestra Floor. 150' run to FOH.

## STAGE LIGHTING CONTROL SYSTEM

- 468 - 2.4KW Strand CD-80 Stage Dimmers
- 26 - 6.0KW Strand CD-80 Stage Dimmers
- 1 - ETC ION 2000 Control Board w/ 2 x 20 fader wing.
- 1 - ETC EOS Programming Wing
- 1 - ETCNomad Puck for remote monitoring at SR Stage Manager's Panel
- 2 - Touch-screen monitors
- 1 - Portable Lighting Designer's Remote Display
- 1 - Wireless Focus Remote
- 3 - DMX 512 Input: One at FOH in booth, one at S.M.P., one at A.S.M.P.

## ONSTAGE FACILITIES

Compressed Air outlets in all four corners of stage.  
Service Sink - Upstage Left  
30' x 50' area of stage floor is trappable to room below

## LIGHTING INSTRUMENT INVENTORY

QTY.	ITEM	LAMP	WATTAGE	MAKE/ MODEL
2 -	Follow Spotlights	HMI	2.5KW	Lycian SuperStar 2.5 Model No. 1278 15
2 -	Follow Spotlights	Xenon	2.5KW	Strong Gladiator II
165 -	Source Four Bodies:	HPL	750 watt	ETC
22 -	Source Four 10° Lens tubes			ETC
34 -	Source Four 19° Lens tubes			ETC
78 -	Source Four 26° Lens tubes			ETC
42 -	Source Four 36° Lens tubes			ETC
10 -	Source Four 50° Lens tubes			ETC
1 -	Source Four drop-in Iris			ETC
80 -	Source 4 Pars- each with VNSP, NSP, Med, & Wide lens			ETC
15 -	6" Gel extenders			
14 -	5° Colortran Ellipsoidal Spotlights	FEL	1k watt	Colortran Model No. 650-082
25 -	10° Strand Ellipsoidal Spotlights	FEL	1k watt	Strand Model No. 2123
3 -	8" Fresnel Spotlights	BTN	1000 watt	Strand Model No. 3480
10 -	Cyc Floods, Iris 3, 3 circuit	FFT	1000 watt	Strand Model No. 5913 (12"x16" gel frame)

All units with color frame(s), safety cable(s), and 20amp Stage-Pin male theatrical connector(s).

Pattern holders available for all types of fixture in varying numbers. A cable inventory is available for power and data purposes.

## AUTOMATED LIGHTING - (Available at additional cost.)

10	High End Systems	SoloSpot 1000
10	High End Systems	SoloWash 37
1	Look Solutions	Unique 2.1 hazer
40'	Tomcat	Truss (black, 12"x18")
4	CM Lodestar	1 ton Chain Hoists

Motor cable and controller, data and power as required.

## **SOUND SYSTEM**

### **MIXERS**

1 – Digico SD8, digital mixing console w/built-in FX, comp, gate, EQ, 60 input capability.  
1 - Mackie 16 Channel VLZ 1604 Mixer

### **FLOWN ARRAY**

9 - L`Acoustics K2 Tri-amped, full range, per left and right array  
12 – L`Acoustics KARA two-way center array

### **SUBS/INFILL (GROUND STACKS)**

3 – L`Acoustic 2-way ARCHSWIDE per side  
3 – L`Acoustics SB28 dual 18" sub per side

### **FRONT FILLS**

6 – L`Acoustics 8XTi

### **AMPLIFIERS**

11 – L`Acoustics LA8 1800 watt x 4 amplified controller.  
1 – L`Acoustics LA4X 1000 watt x 4 channel amplified controller.

### **MONITOR**

6 - JBL 805  
2 - JBL 822  
4 - JBL 826  
4 – EAW JF100e

## **REPRODUCTION & PLAYBACK EQUIPMENT**

1 - Tascam CD-RW 402 Dual CD Player/Recorder  
1 – Tascam MD-350 Mini Disk Player/Recorder

## **MICROPHONES / DIRECT INPUT**

2 – AKG 414  
6 - Shure SM 81  
5 - Crown PCC-160  
9 - Shure 58 (Standard)  
3 - Shure SM B58  
2 - Shure Beta 57  
6 - Shure Beta 57a  
1 - Shure Beta 87a  
1 - Shure 98  
2 - Shure Beta 98  
1 - Shure Beta 52  
4 - Sennheiser 421  
4 – Audio-Technica 853's  
6 - Whirlwind passive Direct Input Boxes

### **INTERCOM SYSTEM**

ClearCom - Backstage Program/ Page audio distribution. Two-channel common talk and signal light communication system. Each system with single and dual channel belt-pack stations, with headsets and extension cables; single and dual channel fixed stations.

### **PATCHING SYSTEMS**

CCTV Video, Audio, and Effects Loudspeaker Patch

### **ACCESSORIES**

Loudspeaker, Microphone, and Video Extension Cables  
Floor, Boom & Table Top Microphone Stands  
Storage Racks CDs  
1 – Rapco 50' XLR, 12/8 snake  
1 – Rapco 100' XLR, 12/8 snake

### **HEARING-IMPAIRED SYSTEM**

'Listen' LT800 Transmitter  
50- 'Listen' 72 MHZ Display Receivers

### **PROJECTION SCREENS**

1 - 18'x24' front projection movie screen.  
1 - 11'x14' front or rear projection Fast-Fold.

# FRED KAVLI THEATRE

## STAGE ELECTRICAL CIRCUIT SCHEDULE:

<u>LOCATION</u>	<u>2.4KW CIRCUITS</u>	<u>6.0KW CIRCUITS</u>
FRONT-OF-HOUSE		
Follow Spot Booth		469 - 470
Balcony Front	1 – 18	471 - 472
Loge/Mezzanine Front	19 - 36	473 - 474
Mezzanine Control Room		475 - 476
Main Floor Control Room	37 - 38	477 - 478
#2 Ceiling Catwalk	39 - 68	479 - 480
#1 Ceiling Catwalk	69 - 98	481 - 482
#1 Side Slot - House Right	99 - 106	
#2 Side Slot - House Right	107 - 114	
#1 Side Slot - House Left	115 - 122	
#2 Side Slot - House Left	123 - 130	
Orchestra Pit	131 - 142	
FRONT-OF-HOUSE INTERCEPT PANEL:	1 - 142	469 - 482
ON STAGE:		
Tormentor - Downstage Left	143 - 148	483 - 484
Floor Pockets - Stage Left 4@4	149 - 164	
PT Boxes - Stage Left 4@4	" "	
Tormentor - Downstage Right	165 - 170	485 - 486
Floor Pockets- Stage Right 4@4	171 - 186	
Up Stage Pigtail Boxes 4@4	187 - 202	
Fly Floor - Stage Left 2@6	203 - 214	
Tab Drop Boxes - S.L. 5@4	215 - 234	
Fly Floor - Stage Right 2@6	235 - 246	
Tab Drop Boxes - S.R. 5@4	247 - 266	
#1 Electric Pipe	267 - 302	487 - 488
#2 Electric Pipe	303 - 318	
S.L. Drop Boxes 9@6	319 - 372	
S.R. Drop Boxes 9@6	373 - 426	
#3 Electric Pipe - Sky Drops	427 - 456	
Upstage Scene Dock	457 - 464	489 - 492
Gridiron Pigtail Boxes	465 - 468	493 - 494

# FRED KAVLI THEATRE

## HOUSE RAIL SCHEDULE:

### STAGE RAIL SCHEDULE:

#	FROM Plaster Line	PIPE NAME	LENGTH (ext. = accepts 3'-0" extension both ends.) (bri. ext. = accepts 3'-0" extension or 8'-0" bridled both ends.)
1	1' - 0"	Red Valance	68' - 0" +bri. ext.
4	2' - 3"	House Curtain (May not be moved.)	74' - 0"
5	3' - 3"	General Purpose (Border #1)	84' - 0" +ext.
6	3' - 11"	General Purpose (Legs #1)	84' - 0" +ext.
7	4' - 7"	General Purpose	84' - 0" +ext.
8	5' - 3"	Electric #1 (Motorized Raceway)	68' - 0" Max. out trim: 43' 7"
9	6' - 0"	Shell Cloud #1 (Permanently installed)	
9A	6' - 4"	Shell Ceiling #1 (Permanently installed)	
11	6' - 11"	Electric #1a (Motorized Raceway)	68' - 0" Max. out trim: 43' 7"
12	7' - 11"	General Purpose	68' - 0" +bri. ext.
13	8' - 7"	General Purpose	68' - 0" +bri. ext.
14	9' - 3"	General Purpose	68' - 0" +bri. ext.
15	9' - 11"	General Purpose	68' - 0" +bri. ext.
16	10' - 7"	General Purpose (Border #2)	68' - 0" +bri. ext.
17	11' - 3"	General Purpose (Legs #2)	68' - 0" +bri. ext.
18	11' - 11"	General Purpose	68' - 0" +bri. ext.
19	12' - 7"	General Purpose	68' - 0" +bri. ext.
20	13' - 3"	General Purpose (House Elect. #2)	68' - 0" +bri. ext.
21	13' - 11"	General Purpose	68' - 0" +bri. ext.
22	14' - 7"	General Purpose	68' - 0" +bri. ext.
23	-- --	Stage Left Tab Batten #1	33' - 8"
24	15' - 7"	Shell Cloud #2 (Permanently installed)	
24A	16' - 0"	Shell Ceiling #2 (Permanently installed)	
25	16' - 7"	General Purpose	68' - 0" +bri. ext.
26	17' - 3"	General Purpose	68' - 0" +bri. ext.
27	17' - 11"	General Purpose	68' - 0" +bri. ext.
28	18' - 7"	General Purpose (Border #3)	68' - 0" +bri. ext.
29	19' - 3"	General Purpose (Legs #3)	68' - 0" +bri. ext.
30	19' - 11"	General Purpose	68' - 0" +bri. ext.
31	20' - 7"	General Purpose (House Elect. #3)	68' - 0" +bri. ext.
32	21' - 3"	General Purpose	68' - 0" +bri. ext.
33	21' - 11"	Mid-stage Traveler	68' - 0" +bri. ext.
34	22' - 7"	General Purpose	68' - 0" +bri. ext.
35	23' - 3"	General Purpose	68' - 0" +bri. ext.
36	23' - 11"	General Purpose	68' - 0" +bri. ext.
37	-- --	Stage Right Tab Batten #1	33' - 8"
38	24' - 11"	Shell Cloud #3 (Permanently installed)	
38A	25' - 4"	Shell Ceiling #3 (Permanently installed)	

(RIGGING SCHEDULE CONTINUED)

39	25' - 11"	General Purpose (Border #4)	68' - 0" +bri. ext.
40	26' - 7"	General Purpose (Legs #4)	68' - 0" +bri. ext.
41	27' - 3"	General Purpose	68' - 0" +bri. ext.
42	27' - 11"	General Purpose	68' - 0" +bri. ext.
43	28' - 7"	General Purpose (House Elect. #4)	68' - 0" +bri. ext.
44	29' - 3"	General Purpose	68' - 0" +bri. ext.
45	29' - 11"	General Purpose	68' - 0" +bri. ext.
46	30' - 7"	General Purpose	68' - 0" +bri. ext.
47	31' - 3"	General Purpose	68' - 0" +bri. ext.
48	31' - 11"	General Purpose	68' - 0" +bri. ext.
49	32' - 7"	General Purpose (Border #5)	68' - 0" +bri. ext.
50	33' - 3"	General Purpose (Legs #5)	68' - 0" +bri. ext.
51	33' - 11"	General Purpose (Black Scrim)	68' - 0" +bri. ext.
52	34' - 7"	General Purpose	68' - 0" +bri. ext.
53	35' - 3"	Cyclorama Electric (Raceway)	68' - 0" Max. out trim: 57'
54	35' - 11"	General Purpose	68' - 0" +bri. ext.
55	36' - 7"	General Purpose	68' - 0" +bri. ext.
56	37' - 3"	General Purpose	68' - 0" +bri. ext.
57	37' - 11"	General Purpose (Border #6)	68' - 0" +bri. ext.
58	38' - 7"	General Purpose (Legs #6)	68' - 0" +bri. ext.
59	39' - 3"	General Purpose	68' - 0" +bri. ext.
60	39' - 11"	General Purpose	68' - 0" +bri. ext.
61	40' - 7"	General Purpose	84' - 0" +ext.
62	41' - 3"	General Purpose	84' - 0" +ext.
63	41' - 11"	General Purpose	84' - 0" +ext.
64	42' - 7"	Upstage Traveler (May not be moved)	84' - 0" +ext.
65	43' - 3"	Cyclorama (May not be moved.)	84' - 0" +ext.
67	-- --	Stage Right Tab Batten #3	33' - 8" +ext.
68	-- --	Stage Right Tab Batten #2	84' - 0" +ext.
69	-- --	Stage Left Tab Batten #2	84' - 0" +ext.
70	-- --	Stage Left Tab Batten #3	84' - 0" +ext.
71	-- --	(Located under upstage catwalk)	68' - 0" Manual Winch
72	-- --	(Located over loading bay)	54' - 0" Manual Winch
73	-- --	(Located over loading bay)	54' - 0" Manual Winch

Typical pipe is a 7-line set, lift lines 10' - 4" O.C.