

Hult Center for the Performing Arts Technical Specifications

Silva Concert Hall



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Stage Specifications

Proscenium: 58'w x 34'9"h (arched)

Plaster line to upstage wall: 45' / downstage edge - 18" / front row - 6' box booms - 10' / house sound position - 92' / follow-spots - 140'

Center line to stage left wall: 55' / stage right wall - 70'

Stage Floor: Sprung plywood / black membrane, latex coating / good to excellent condition / no traps, ok to lag & screw into stage / *NOT ok to lag or screw into SL & SR apron

Fly Rail: stage left / single purchase counterweight - 1200 lbs. per arbor
75 working line sets
All battens 63', with six pickup lines
high trim - 72' low trim - 2'
1st elect (LS #5) is motor driven

Soft Goods: All legs, borders, tabs, & travelers are black velour
Legs: five pair 36'h x 12'w Borders: one 23'h x 63'w & four 12'h x 74'w
Tabs: eight 33'h x 6'w Black scrim: one 28"h x 62'w
White cy: two 39'h x 65'w
Full stage thin blackout: one 36'h x 63'w (guillotine only, single thickness/cotton)
Upstage traveler: one 36'h x 63'w (split at C/L)
Midstage traveler: one 36'h x 63'w (split at C/L) 26' from the plaster line

Lighting System

E.T.C - Element / 250 Channel (primary board)
E.T.C - Obsession II 750
320 dimmers per circuit DMX access backstage
4 - xenon super trouper follow-spots (1600 w) Rosco house gel

Company Switch: Lighting: Down stage right - 80' from downstage center
Three x 400 amp, 3 phase, 5 wire "Y"

Sound: Upstage right, 100 amp, 3 phase, 5 wire "Y"
Upstage left, 200 amp, 3 phase, 5 wire "Y"

Shore power for 2 vehicles available

Sound System

House PA:

The Silva house system consists of a stereo system (house left, house right), and a mono central cluster. All components are behind the acoustically transparent proscenium arch. The left, right & cluster mix are separate feeds at the house console.

Maximum sound pressure allowable in Silva Hall (at house mix, 100' from stage apron) is 97 DB (A), for periods not to exceed 4 seconds. The system will produce peaks of up to 110 db. Total power available (r.m.s.) is approximately 36,000 watts. The majority of the speaker components are JBL. The system is 2-way, with optional use of the sub-low system to extend operation to 3-way. Frequency response (at house mix location) is approximately 20 hz to 17 khz, with the sub-lows in operation.

System Components

House Consoles: Yamaha PM3500 - w/ 44 inputs
Soundcraft Vi4
FOH mix footprint typical 7'd x 12'w available without seat kills

The Speaker System: Eight JBL-4892 array series cabinets
Six JBL-4892 array series cabinets (central cluster)

Because of the extreme upper balcony elevation, use of at least the central cluster is recommended, even if you use your own PA. There is an extra charge for use of central cluster

Monitor System: Capable of up to a 4-way mix
Please contact technical services staff if a monitor console will be needed for your event.

Monitor Wedge Inventory: Ten EAW SM200ih
Two EAW SM122e
Monitors powered by Crown 2400 amplifiers
Two 27 channel splitters compliment the system
All stage audio patching is stage right

Intercom: RTS (wired)
HME DM200 (wireless)

Loading dock:

Loading dock located in alley up stage right at stage level. Push is 75' to center line. A 12' x 24' concrete pad can accommodate 2 trucks at a time. Roll up door is 12'w x 16'6"h. There is a freight elevator adjacent to the dock for FOH, costumes, production and merchandise.

Dressing Rooms:

Total accommodations for approximately 75 people

Two star suites, each with sitting area, makeup room, and shower/restroom

Four dressing rooms, lighted makeup mirrors, and sink, for up to five people each

Two chorus dressing rooms with lighted makeup mirrors, sinks and showers, for up to 30 people each

There are two sets of washers & dryers available. There is a small laundry room with two ironing boards

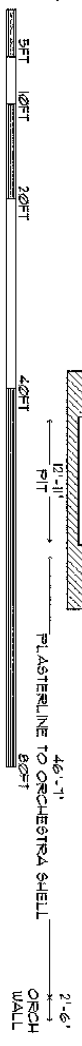
* LS#	ITEM	* LS#	ITEM
* 0	- 0 - PROSCENIUM ARCH	* 46	- 24 - #4 BORDER
* 0	- 0.5 - FIRE CURTAIN	* 47	- 24.5 - #4 LEGS
* 00	- 1 - GRAND DRAPE (run SR)	* 48	- 25 - _____
* 1	- 1.5 - #1 BORDER	* 49	- 25.5 - _____
* 2	- 2 - #1 LEGS	* 50	- 26 - BLACK TRAVELER
* 3	- 2.5 - _____	* 51	- 26.5 - _____
*	- 3 - ***NO PIPE***	*	- 27 - ***NO PIPE***
* 5	- 3.5 - 1st ELECT(MOTOR)	* 53	- 27.5 - 4th ELECT
*	- 4 - ***NO PIPE***	* 54	- 28 - _____
* 7	- 4.5 - _____	* 55	- 28.5 - _____
* 8	- 5 - _____	* 56	- 29 - _____
* 9	- 5.5 - _____	* 57	- 29.5 - _____
* 10	- 6 - *****LIMITED CLEARANCE*****	* 58	- 30 - _____
*	- 6.5 - ***NO PIPE***	* 59	- 30.5 - _____
*	SHELL CEILING	* 60	- 31 - _____
*	- 7 - ***NO PIPE***	* 61	- 31.5 - *****LIMITED CLEARANCE*****
* 13	- 7.5 - *****LIMITED CLEARANCE*****	*	- 32 - **NO PIPE**
* 14	- 8 - _____	*	SHELL CEILING
* 15	- 8.5 - #2 BORDER	*	- 32.5 - ***NO PIPE***
* 16	- 9 - #2 LEGS	* 64	- 33 - *****LIMITED CLEARANCE*****
* 17	- 9.5 - _____	* 65	- 33.5 - #5 BORDER
* 18	- 10 - _____	* 66	- 34 - #5 LEGS
* 19	- 10.5 - _____	* 67	- 34.5 - _____
*	- 11 - ***NO PIPE***	*	- 35 - ***NO PIPE***
* 21	- 11.5 - 2nd ELECT	* 69	- 35.5 - 5th ELECT
* 22	- 12 - _____	* 70	- 36 - _____
* 23	- 12.5 - _____	* 71	- 36.5 - _____
* 24	- 13 - _____	* 72	- 37 - _____
* 25	- 13.5 - _____	* 73	- 37.5 - _____
* 26	- 14 - _____	* 74	- 38 - _____
* 27	- 14.5 - _____	* 75	- 38.5 - 25' BORDER
* 28	- 15 - _____	* 76	- 39 - _____
* 29	- 15.5 - _____	* 77	- 39.5 - STRIPS (4 CIR / PAR 64 500W)
* 30	- 16 - #3 BORDER	* 78	- 40 - _____
* 31	- 16.5 - #3 LEGS	* 79	- 40.5 - _____
* 32	- 17 - _____	* 80	- 41 - _____
* 33	- 17.5 - _____	* 81	- 41.5 - CYC LEGS
* 34	- 18 - 3rd ELECT	* 82	- 42 - CYCLORAMA (40'x 65')
* 35	- 18.5 - *****LIMITED CLEARANCE*****	* 83	- 42.5 - BLACK DROP-SPLIT C/L
*	- 19 - ***NO PIPE***	*	- 43 - ***NO PIPE***
*	- 19.5 - ***NO PIPE***	* 85	- 43.5 - _____
*	SHELL CEILING	* 86	- 44 - _____
*	- 20 - ***NO PIPE***	* 87	- 44.5 - _____
* 39	- 20.5 - *****LIMITED CLEARANCE*****	* 88	- 45 - _____
* 40	- 21 - _____	*	- 45.5 - ***NO PIPE***
* 41	- 21.5 - _____	* 90	- 46 - SL TABS (MULED)
* 42	- 22 - WORKLIGHTS (MOVABLE)	* 91	- 46.5 - SL LIGHT BOOMS (MULED)
* 43	- 22.5 - _____	* 92	- 47 - SR LIGHT BOOMS (MULED)
* 44	- 23 - _____	* 93	- 47.5 - SR TABS (MULED)
* 45	- 23.5 - _____		

Silva Concert Hall Stage

MULTI CENTER FOR THE PERFORMING ARTS
ONE EUGENE CENTER
EUGENE, OR 97440

SILVA CONCERT HALL
CENTER SECTION

1/8" = 1'-0"



9FT 10FT 20FT 40FT
12'-11" PIT
46'-1" PLASTERLINE TO ORCHESTRA SHELL
80FT
2'-6" ORCH WALL

12 FT HIGH TRIM

3'-1", 6'-1" PROSCENIUM HEIGHT

LOADING DOCK

ALLEY

BACK WALL ORCH SHELL

TO LOADING DOCK

SPRING STAGE FLOOR NO TRAPS

ORCHESTRA PIT

COMPANY SWITCH

TO DRESSING

STAGE MANAGERS PANEL STAGE RIGHT

TO DRESSING

TO DRESSING

TO DRESSING

TO DRESSING

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INSTRUMENT & SIZE	TOTAL	COMMENTS
Strand 6X6	8	
Colortran 05 degree	19	
Colortran 10 degree	41	
Colortran 20 degree	68	
Colortran 30 degree	87	
Colortran 40 degree	25	
Colortran Zoom		
6" Fresnel		
8" Fresnel	38	
PAR 64	47	
PAR 56	23	
FarCyc (single)	6	
FarCyc (three cell)	6	
6" Source 4 instruments	42	
barrels S4 10 degree	8	
barrels S4 19 degree	22	
barrels S4 26 degree	26	
barrels S4 36 degree	13	
barrels S4 50 degree	8	
Par 56 300w X 4 ground row	6	
Par 56 500w X 4 Cyc strips	6	
Par 38 150w	6	in storage
Par 56 300watt	4	in storage

Mic Inventory

2012

Type	Avail	Purpose
Shure Beta 58	8	Vocal Mics
Shure SM 58	5	Vocal Mics
Sennheiser E835	10	Vocal Mics
Shure SM7	2	
Audio Technica AE5400	8	Condenser Vocal
Shure SM 59	4	Condenser Vocal
Shure UR4D wireless systems	2	2 Channels each
- Wireless xmitters -		
Beta 58	4	handheld
UR2 (w/ WL185)	4	lapel mics
Audio Technica 892	2	over ear mics
Countryman E6 IOW6B2SL	2	over ear mics
Shure SM 57	8	Instrument
Sennheiser MD 421	4	Instrument
Sennheiser MD 441	3	Instrument
Shure Beta 91	1	Condenser Kick Drum
EV PL/RE20	2	Large Diaphram
Shure SM 81	2	Condenser Instr.
Sennheiser MKH50	2	Condenser Instr.
AKG 414 B ULS	2	Condenser Instr.
AKG C460	4	Condenser Instr.
AKG C451B	2	Condenser Instr.
AKG C747	4	Condenser Instr.
Audix SCZ1	2	Condenser Instr.
Beyer M160	5	Ribbon Mic
Beyer M500	2	Ribbon Mic
Crown PCC 160	5	Floor Mic
Crown CM31W	4	Choir Mics (Omni)
Countryman DI	8	Active Direct Box
Radial JDI MK3 DI	2	Active Direct Box