**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' /
- Balcony Rail - 88'
- Center line to: Stage left wall - 55' / Stage right wall - 70'

**Plaster line to:**
- Upstage wall 45'
- Downstage edge -18"
- Front row - 6'

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

**Fly Rail:**
- Stage left / Single purchase counterweight - 1200 lbs. per arbor
- 75 Working line sets
- All battens 63', with 6 pickup lines
- High trim - 72' / Low trim - 2'
- 1st Elect is motor driven (LS #5)

**Soft Goods:**
- All legs, borders, tabs, & travelers are black velour
- Legs: 5 pair @33'h x 12'w
- Borders: 1@ 23'h x 63'w & 4@12'h x 74'w
- Tabs: 8@ 33'h x 6'w
- Black scrim: 1@28"h x 62'w
- White CYC: 2@ 39'h x 65'w
- Full stage thin blackout: 1 @ 36'h x 63'w (guillotine only, single
  thickness/cotton)
- Upstage traveler- 1 @ 36'h x 63'w (split at C/L) used as US X-Over
- Mid-stage traveler-1 @ 36'h x 63'w (split at C/L) 26' from the plaster line

**Lighting System**

**E.T.C – ION Board**
- 320 dimmers
- DMX access backstage
- 4 – LYCIAN 2k 1290XLT
- Rosco house gel available

**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"
- *50 AMP Shore power for 2 vehicles available

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Sound System

House PA: The Silva house system consists of a NEXO full range stereo system (Main’s Left and Right), a NEXO front fill/center fill system and a NEXO four component cardioid sub array located at the top/center of the proscenium arch. The upper balcony and mezzanine is covered by 2 NEXO full range speakers specifically focused at those areas (located left and right in the proscenium arch). All components are behind the acoustically transparent proscenium arch. See drawing.

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. System is rated at a sensitivity of 110db @ 1 watt @ 1 meter and will reach a peak of 140db. Total power available (R.M.S.) is approximately 25,000 watts. Frequency response (at house mix location) is approximately 20 Hz > 17 kHz with the sub-lows in operation.

System Components (All stage audio patching is stage right)

House Console: Sound Craft Vi 4 - 96 channels (London Blu-160 processor) FOH mix footprint typical 7’d x 12’w available without seat kills.

Speaker System:
- 4 - NEXO ALEF-C 75° x 30° Full range speakers
- 2 - NEXO ALEM-C 85°x 30° Mid / Hi speakers
- 2 - NEXO ALB-118-C 18” LF speakers
- 3 - NEXO GEOS 1210 Front/Center Fill speakers
- 4 - NEXO RS 18-Cl Dual 18” Sub Woofers

Amplifiers: 4 - NXAMP4x4 / 3- NXAMP 4X1

Monitor System: Please contact technical services staff if a monitor console will be needed for your event.

Monitor Inventory:
- 10 - EAW SM200ih
- 2 - EAW SM122e
Monitors powered by Crown 2400 amplifiers
Two 27 channel splitters compliment the system

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 sinks, 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