



## Buhler Hall Technical Specifications



### **1.1 The Floor Plan:**

All production requirements including: loading door, dressing rooms, warm-up rooms, basic sound and lighting, reception, coat racks, washrooms, display and back-stage support elements are present within the building.

Seating capacity: 463 fixed theatre seats, plus 6 wheelchair locations, and room for over 40 temporary seats - bringing capacity to over 500

Sound & Lightning are controlled from 2 stations located at the back of the hall

Food and Drinks in the Foyer and Off Stage ONLY

### **1.2 Stage Dimension:**

Downstage - 16.18 Meters (55') wide; Upstage - 12.8 Meters (42') wide; Depth of stage - 9.925 Meters (32')

There are multiple, adjustable side of stage entries, consists of 4 rotating fins each 2.3 M (7.5') wide with a 2.3 M (7.5') space when fins are in parallel position. One side of each fin consists of sound reflective resonant wood; the other side is sound absorbing beige carpeting.

Main drapery: 21 oz. velour, 50% fullness

Seamless Muslin Cyclorama

### **1.3 Sound Equipment:**

Soundcraft SI Inpact 40-input Digital Mixing Console. 32-in/32-out USB Interface and iPad control.

16 x Sennheiser e 835 live vocal microphones

12 x Audio Technica 3000 Series wireless head-worn microphones

4 x Sennheiser Evolution G3 wireless head-worn microphones

1 x Sennheiser Evolution G3 wireless handheld microphone

Rane RPM 44 System Processor

3 Renkus Heinz PN82 speakers (Left-Center-Right configuration)

2 Renkus Heinz PNII25 subwoofers

3 Mackie SRM350 monitors

3 Rodam TD 100 direct input boxes

3 AKG C 535 Microphones

#### **1.4 Lighting Equipment:**

Strand CD80 Dimmer rack with 400 AMP power

DMX lighting control via D-Pro computer software

CD80SV Dimmer Bank, fully wired for 48 modules

CD80SV 96 Dimmer Processor with SINGLE electronics

4 stage lighting bars, front of house bar, and catwalk

2 x Chauvet Rogue R2 Spot moving lights

2 x 1000 W Leko Ellipsoidal

12 x 750 W Fresnel

4 x 500 W Fresnel

4 x 1000 W Fresnel

6 x 500 W Cherries

3 x 500 W Spots

10 x 575 W Strand 26 degree Ellipsoidal

10 x 575 W Strand 19 degree Ellipsoidal

8 x 500 W Parcans

Hanging and Floor Cyclorama lights

### **1.5 Power Supply:**

400 Amp power supply

Audio plug-in and 220 Amp power near loading dock for external recording purposes

### **1.6 Piano:**

A 9 foot Yamaha CF - III concert grand piano (restricted use only)

Piano lift from orchestra level to stage level

MCI willing to arrange for specific tuning - at leasee's expense - prior to concerts

### **1.7 Other equipment:**

Large cyclorama

Projectors: Mounted HD video projector

Display tables, chairs and related equipment

All available by arrangement

### **1.8a Backstage Rehearsal and Dressing Rooms:**

2 dressing rooms with washroom facilities immediately Off Stage

A large rehearsal/Green Room (chapel, accommodating up to 200 people) has direct access to the stage and more washrooms down the hall.

### **1.8b Loading door:**

Concrete pad/loading dock at grade level with 2.4M (7'10'') overhead door

### **1.9 Vehicle Parking:**

A passenger drop-off entry; with a Parking Lot immediately west of the Hall accommodating up to 150 cars - with adjacent Overflow Parking for another 150 cars

Additional parking available on other designated campus areas and surrounding streets.