

# **Chilliwack Cultural Centre**

## **Technical Information Sheet – October, 2023**

### **SEATING**

HUB International Theatre:

532 permanent seats (4 reserved for ushers) plus up to 30 wheelchairs **OR** up to 58 portable seats, **OR** a combination thereof. 8 additional usher only seats at rear of house.

Rotary Hall Studio Theatre:

164 (4 reserved for ushers) stacking chairs on telescoping platforms in end-stage layout. Other flat floor layouts are possible.

### **STAGE DIMENSIONS (HUB International Theatre)**

Proscenium Opening	40 feet 5 inches wide x 28 feet high
Plaster Line to Rear Wall	34 feet
Plaster Line to Orchestra Pit line	7 feet 6 inches
Plaster Line to front of Apron	15 feet 5 inches
Center Stage to Stage Left Fly Rail	41 feet 3 inches
Center Stage to Stage Right wall	54 feet 10 inches
Stage Floor to underside of Grid	69 feet

Stage Floor is a 1 ½" thick plywood floor with a black hardboard surface.  
The entire stage floor including wings is sprung.

**Screwing or fastening into or painting of the stage floor is permitted.**

### **ROTARY HALL DIMENSIONS**

Front Row to back curtain	31 feet
Front Row to back wall	35 feet 8 inches
Riser Stair to back curtain	35 feet
Riser Stair to back wall	40 feet inches
Booth wall to back curtain	59 feet 5 inches
Booth wall to back wall	64 feet 1 inches
Width curtain to curtain	39 feet
Width wall to wall	48 feet 7 inches
Curtain to side wall	4 feet 6 inches
Curtain to back wall	4 feet 8 inches
Height of Catwalk	14 feet
Grid Height	20 feet 7 ½ inches

### **RIGGING (HUB International Theatre)**

Single purchase counterweight system with 45 line sets in 49 slots. Line sets are 8 inches on centre.  
Locking rail is at stage floor level on stage left.

Max. Flying Height	64 feet 11 inches
Pipe Length	58 feet 0 inches
Arbour Capacity of Each Pipe	1,300 lbs.
Live Load Capacity of Each Pipe	1,230 lbs.

### **STAGE DRAPERY (HUB International Theatre)**

Main Curtain: Velour Drape on Traveler track. Operates as a traveler or a guillotine.

2 Main Curtain Panels	(2 @ 31 feet wide x 32 feet high) on traveler track, drape colour Red
1 Valence / Main Teaser	(1 @ 52 feet wide x 15 feet high), Red
6 Black Velour Legs (3 sets)	(6 @ 12 feet wide x 30 feet high)
4 Black Borders	(4 @ 56 feet wide x 10 feet high)
4 Black Traveler Panels	(4 @ 31 feet wide x 32 feet high) on 2 traveler tracks
1 White Cyclorama	(1 @ 50 feet wide x 30 feet high) – PVC
1 Black Sharks Tooth Scrim	(1 @ 50 feet wide x 30 feet high)
1 Movie Screen	(1 @ 30 feet wide x 13 feet high)

### **LIGHTING**

Total number of lighting circuits, in a dimmer-per-circuit distribution. Each is 20A with TLG connector.

Proscenium Theatre: 384 circuits/dimmers

Studio Theatre: 144 circuits/dimmers

Proscenium Theatre Console: ETC Ion 1000 (1024 channels) with 40 Submaster wing

Rotary Hall Console: ETC Ion 1000 (1024 channels) with 40 Submaster wing

DMX and ACN lighting control distribution system throughout lobby and theatre areas.

### **Spare Fixtures**

2 ETC 750W Source Four Ellipsoidal @ 14°

16 ETC 750W Source Four Ellipsoidal @ 19°

24 ETC 750W Source Four Ellipsoidal @ 26°

30 ETC 750W Source Four Ellipsoidal @ 36°

7 ETC 750W Source Four Ellipsoidal @ 50°

30 Par64 1000W NFL

40 Par64 1000W MFL

12 LED RGB wall washers

11 Microh LED Tri Par Fixtures

7 ETC Colorsource LED cyc units

### **HUB SPECIFIC**

8 ETC 750W Source Four Ellipsoidal @ 14°

13 ETC 750W Source Four Ellipsoidal @ 19°

6 ETC 750W Source Four Ellipsoidal @ 26°

10 ETC 750W Source Four Ellipsoidal @ 36°

8 ETC 750W Source Four Ellipsoidal @ 50°

15 ETC Colorsource LED spot w Fresnel adapter

8 ETC Colorsource LED Spots

7 ETC Colorsource LED cyc units

1 Robert Juliat Super Korrigan 1200W HMI Followspot

1 Rosco I-cue mirror unit.

2 Elation Platinum 5R Moving Fixtures

### **ROTARY HALL SPECIFIC**

16 ETC 575W Source Four Jr. Zoom Ellipsoidal

- 9 ETC Coloursource LED spot w Fresnel adapter
- 2 ETC Coloursource LED spot
- 1 Elation Platinum 5R Moving Fixture
- 2 ETC Coloursource LED spot with Rosco I-cue mirror and DMX controlled Iris

## **SOUND**

### **Common Systems:**

- Program sound to all dressing rooms, front-of-house, and all technical/backstage areas
- Infrared Assistive Listening System, with 10 headsets
- 4 channels of ClearCom in all performance, production, and backstage areas.
- 8 headsets and beltpacks in addition to 1 in each theatre's Stage Management Console
- 5 wireless Clearcom beltpacks w/ headsets patched into theatre's ClearCom system

### **HUB International Theatre:**

- Yamaha M7CL-48 Digital Mixing Console
- 3 Meyer UPJ-1P (Centre Cluster)
- 2 Meyer UPA-1P (House Left and Right)
- 8 Meyer MM4-XP (Front Fill)
- 4 Meyer USW-1P (Subwoofers)
- 1 Meyer Galileo DSP
- 8 channels of amplification for monitors (425W @ 8 ohms per channel) (4 QSC CX702)
- Portable Equipment rack with:
  - 1 Tascam AD-700 CD/Cassette deck
  - 1 Tascam CD-RW901SL CD player/recorder

Stage Management Console with Intercom Remote Station, Paging mic.

### **Studio Theatre:**

- Beringer X32 Digital Console
- 2 JBL Control 2PS near field Monitors
- 2 Meyer UPJ-1P (House Left and Right, flexible orientation)
- 4 Compact R112 ME Passive Stage Monitors
- 8 channels of amplification for monitors (425W @ 8 ohms per channel) (4 QSC CX702)
- Portable Equipment rack with:
  - 1 Tascam A-700 CD/Cassette deck
  - 1 Tascam CD-RW901SL CD player/recorder
  - 2 Lexicon MX300 Audio Effects Devices
  - 2 DBX 2231, 31 Band Dual Equalizers

### **Shared Loose Equipment:**

- 4 JBL SRX 712 Passive Stage Monitors
- 4 DB FM12 Active Stage Monitors

- 2 Yorkville Nx35 Passive Stage Monitors
- 4 Shure SM-81 Condenser Microphones
- 2 Audio Technica AE 5100 Condenser Microphones
- 2 AKG C1000 Condenser Microphones
- 4 Shure Beta 58 Dynamic Vocal Microphones
- 2 Shure Beta 57 Dynamic Instrument Microphones
- 5 Shure SM57 Dynamic Instrument Microphones
- 2 AKG D112 Kick Drum Microphones
- 1 Shure Beta 52 Kick Drum Microphone
- 1 Shure PG Drum Mic Kit
  - 2 Shure PG81 Overhead Microphones
  - 3 Shure PG56 Tom Microphones
  - 1 Shure PG52 Kick Microphones
- 2 Radial J48 Active DI box
- 4 Radial JDI Passive DI box
- 2 Passive DI box
- 1 Behringer Active DI box
- 11 Tall black mic Stands [8 Long Boom/3 Short Boom]
- 7 Tall silver mic stands [4 Long Boom/3 Short Boom]
- 4 Short black mic stand – Short Booms
- 3 Short silver mic stand [2 Long Boom/1 Short Boom]
- 5 Straight black round base mic stands
- 11 Table top mic stands
- 1 Sennheiser XS Wireless mic system with SKM 35 Hand held mic
- 20 Sennheiser MKE 2-ew-3 Gold beige coloured wireless mics
- 20 Sennheiser EW-D Receivers with belt pack transmitters
- 2 50 ft. 6 Ch. Stage Flea Sub Snakes
- 1 75 ft. 12 Ch. Stage Flea Sub Snake
- 1 100 ft. 16 Ch. BRTB “Viper” Sub Snake

### **EFFECTS**

- Selection of 94 Gobos
- 2 Rosco Imagepro Gobo slide projectors
- 1 16” Mirror ball with DMX controlled motor Hung in HUB
- 3 Additional Mirror balls ranging 12-18” Diameter
- 2 Martin Magnum 1800 Foggers, DMX Capable
- 1 Ultratec Radiance Hazer, DMX Capable

### **VIDEO**

- 1 Panasonic RZ120 12,000 Lumen laser projector in Hub International Theatre
- 1 Panasonic DZ6700 6000 Lumen HD projector in Rotary Hall

### **MISCELLANEOUS**

1 Personnel Scissor Lift – Genie 26ft  
24, 3'x6' Wenger Stage Platforms  
13, 4'x8' Wenger Stage Platforms  
96, Wenger 8" Legs  
96, Wenger 16" Legs  
96, Wenger 24" Legs  
96, Wenger 32" Legs  
20, Wenger 36" Legs  
Clear Plastic Crystal Beaded Curtain in 12 panels, Approx. 20' h x 35' w  
Clear Plastic Crystal circular Chandelier  
Off-White Sheer Drapes, Weighted & Unweighted Panels totaling Approx 80' Wide  
60 Music stands

### **DRESSING ROOMS**

2 Chorus Dressing Rooms with 17 positions  
2 Dressing Rooms with 6 positions  
1 Solo Dressing Room  
2 Principal Dressing Rooms

### **FACILITY SET, SET EQUIPMENT AND MATERIALS HANDLING CAPABILITIES**

2 loading bays:  
1 c/w hydraulic loading ramps capable of accommodating highway tractor/trailer combinations, large and small delivery vehicles  
1 at grade