



## **Technical Specifications:**

### **Stage:**

A hardwood maple floor, sprung on rubber cushions. No screws, nails, or other fasteners may be used.

### **Proscenium Opening**

Height: 16 ft. Width: 36 ft.

Drapes "in", approx. 36 ft.

### **Floor Space**

House Curtain to Cyc: 31 ft.

House Curtain to front of stage: 4 ft. without apron, 13 ft. with apron. Wings: Extend 42 ft. each side.

Height Limits: 16 ft. 10 in. per side.

### **Orchestra Pit**

Remains covered and forms an Apron that extends the stage floor area 13 ft. from House Curtain.

There are weight restrictions on the orchestra pit cover. Please consult the Technical Director before placing significant loads on the cover.

### **Loading Access:**

- Enter from 23rd Street, on east side of the Theatre.
- Dock height: 3 ft. 3 in. (.99M)
- Dock width: 14 ft. 9 in. (4.49M)
- The loading dock is at STAGE LEVEL.

### **Loading Door:**

- Height: 12 ft. (3.65M)
- Width: 9 ft. 7 in. (2.9M)

### **Stage Door:**

Located in the same area as loading bay door at the bottom of the driveway on the east side of the theatre. All performers should be directed to the Stage Door.

### **Dressing Rooms**

- Access from Stage Door, below stage.
- Two (2) Chorus Dressing Rooms, each with mirrors, make-up lights, washrooms and shower facilities.
- A separate, lockable Green Room with a couch and tea/coffee facilities is available.
- Two (2) 2-person Star Dressing Rooms adjacent to washrooms. (No facilities inside dressing rooms)

### **Performance Studio:**

30 ft. by 36 ft. sprung hardwood. 12 ft. height. One mirrored wall on the west wall. Black drapes on all walls. The Rehearsal Studio is a flexible space that can accommodate up to 50 people (theatre style) or 95 people standing and is available for rental for special events and receptions, dance classes, etc. It has a small Lighting and Sound system (Details available upon request).

### **Staffing**

Two technical staff will be provided for all bookings. (One Technical Supervisor + one Operating Tech) Additional Crew to be discussed and will be provided by the venue at additional cost, or by the renter, at the discretion of the Technical Supervisors, to operate equipment necessary for the production. A flyman provided by the venue at additional cost will be required to allow use of the flying equipment during the show.



## **Video System** (Rental Charges may apply)

Mainstage has 2 Projector options. Both units run through a ROLAND V-60 Switcher/Scaler.

-Film Screen (Strong MDI Northview 1.0+ Black Back Non-Perforated 20 ft. x 40 ft.

Screen) {Approx. 19 ft. x 38 ft. Projected Area} - Located Downstage

-Cyclorama (Twin-white Rosco Screen)

{Approx. 18 ft. x 30 ft. Projected Area} - Located Upstage

- **Onstage Projector**

- Christie DWU851Q (7500 Lumens)
  - HDMI Preferred (Display Port/VGA possible)
  - Projects to Cyclorama only
  - Connection from Onstage or In Booth available

- **FOH Projector**

- Barco F-80 4k12 (12,000 Lumens Laser Source)
  - HDMI Preferred (Display Port/VGA possible)
  - Secondary HDMI -> SDI for 4K compatible Content (Booth Only)
  - Projects to: Film Screen or Cyclorama

- **Image Cue System**

- Static and Looping Content available
- Controlled by lighting system (Changeable and dimmable content)
- Requires Projector System Rental

- **Qlab Video System**

- Updated Mac Mini running current Version of Qlab 4 (Video License)



**Centennial Theatre**  
North Vancouver Recreation & Culture

## **Stage & Rigging**

**Fireproofing:** Documented proof of fire retardancy will be required for all cloths brought into the venue before being flown.

### **Stage Accessories**

#### **Piano**

Yamaha (C3) 6 ft. Baby Grand. Tuning charges may apply

#### **Auxiliary Equipment**

- 2 @ Lecterns
- 1 @ Conductor's podium
- 66 @ Music stands
- 100 @ Black orchestra chairs
- 6 @ 4 ft. x 8 ft. risers, 8 in. & 16 in. legs available.
- 1 @ Gibraltar Drum Shield
- 7 @ 6 ft. x 33 in. 3-tier Choir Risers, tapered to form an arc.

#### **Fly System:**

Centennial theatre is a Double Purchase Fly System operated from SR. A total of 38 Pipes with 16 open for use. Drops or Sets higher than sixteen (16) feet may not FLY out completely. This will depend on desired requirements. The distance from the head-steel to the deck is 42 ft. Free Flying Height is 38 ft.

#### **Line Sets:**

All empty pipe is 46 ft. long (maximum). Sixteen (16) available throughout (see Hang Plot for positions). Maximum weight allowable on counterweights: 400 lbs. (188.44 kg.)

**Winches:** LX #1, #2, #2A, and #3 are all on winches, max weight 1200lb.

#### **Stage Draperies:**

##### **House Curtain:**

Dark Red velour. Manual. Control location: Stage Right. Cannot be flown.

##### **Travelers:**

Black, 2 only. Cover full width of stage every 15 ft. (approx.) from House Curtain. The #1 Traveler is 18 ft. high. The #2 Traveler is 20 ft. high.

##### **Legs:**

Black, 5 sets only. 18 ft. high.

##### **Borders:**

Valence: Dark Red velour. 4 ft. high by 40 ft. wide. The other five (5) borders are 6 ft. high by 46 ft. wide. Black. Note: #1 is a hemp set (see Hang Plot).

##### **Cyclorama:**

Twin-white Rosco Screen which is hung on a rigid frame. Located immediately behind the last traveler. It cannot be moved from this position. The cyclorama is 22 ft. high by 46 ft. wide.



## **Audio:**

### **Mixing Consoles**

(Mainstage)

- Yamaha QL5
- Yamaha QL1

### **Mainstage P.A. System – (Professionally tuned and time aligned for the room)**

- 6 @ L'Acoustics ARCS-Focus Mains
- 3 @ L'Acoustics ARCS-Wide Mains
- 4 @ L'Acoustics SB18 Subs
- 6 @ L'Acoustics 5XT Front Fills
- 4 @ L'Acoustics LA4X Amplifiers

### **Monitors**

- 4 @ L'Acoustics X12 Wedges
- 8 @ QSC K12.2 Powered Wedges
- 4 @ EV SX300 Sidefills
- 1 @ L'Acoustics LA4X Amplifier

### **Microphones**

A large stock of microphones are available.

### **Wireless Mics**

- 4 @ Shure Handheld ULX Beta 87A
- 4 @ Shure ULX-D Handheld Beta 87A
- 2 @ Shure Headset SM35
- 1 @ OST HM-701 Headset
- 2 @ Shure WL185 Lavalier
- 1 @ Shure Belt pack ULX, 2 Shure ULXD Beltpacks
- 4 @ Shure ULX Receiver
- 1 @ Shure Quad ULXD4 Receiver

### **Additional Equipment**

- 2 @ Yamaha RiO 1608-D Stagebox
- Denon DN-300Z Multimedia/CD Player
- 3 @ Guitar Stands



## **Lighting:**

### **Control**

ETC Gio 4K in booth with 2 external monitors and external touchscreen.

ETC Ion 1K with 2 x 10 fader wing as client or backup onstage with 2 monitors.

ETC 4-Port Node (In booth)

ETC Single-Port Node (for Universe 2 of DMX, on Fly Floor)

Houselights can be controlled from the console or from ETC Echo Architectural control located throughout the Main Theatre.

### **Dimmers**

ETC Sensor dimmers:

1 - 6                    2.4 Kw

7 - 114                1.8 Kw

115 - 175            2.4 Kw

193 - 204            6 Kw

10 Circuits (177, 178, 181, 182, 183, 184, 187, 188, 189, 190) have 20A Relays fitted to power the LED fixtures.

All dimmed outlet connectors are 3-pin 20A Stage Pin. A limited stock of adaptors to Twist-lock or U-Ground are available. Relays output on U-Ground.

**Auxiliary Power** - An electrician will be required at additional cost to connect to any of the below services from gutter box upstage right:

- 200 Amps. Three phase.
- 60 Amps. Three phase.
- 60 Amps. Three phase.

From gutter box downstage left:

- 100 Amps. Three phase. Isolation transformer. Audio only.

The Theatre does not have power distribution or tails for these supplies.

### **Trim Height**

Lighting Pipes above stage, trimmed at 18 ft. 6 in. All lighting pipes except Cyc. lighting are on winches.

### **Access**

Access to overhead onstage is via a Genie GS1930 Scissor lift. Only Theatre Technical Staff may operate the lift. The lift cannot go onto the Orchestra Pit cover. Assorted ladders are also available for other access tasks.

**House Plot** – (The House Lighting and Fly Plots are available upon request.)

The existing House Plot has been designed to include area lighting, colour washes and several specials. Changes to this plot must be restored at the end of the rental as part of the contracted hours.



# Centennial Theatre

North Vancouver Recreation & Culture

## Centennial Theatre Lighting Inventory

***Note: All dimmed connectors are 3-pin 20A Stage Pin. Hard power on U Ground.***

### House Hang Fixtures

- 1 @ 14° Source 4 Ellipsoidal
- 2 @ 19° Source 4 Ellipsoidal
- 18 @ 26° Source 4 Ellipsoidal
- 36 @ 36° Source 4 Ellipsoidal
- 19 @ 50° Source 4 Ellipsoidal
- 12 @ 15° / 30° Zoom Source 4 Ellipsoidal
- 8 @ 36° ColourSource DB Spot
- 12 @ Strand 3380 Fresnels
- 6 @ Altman 65Q Fresnels
- 14 @ ColourSource DB Pars (Medium)
- 7 @ Showline SL Bars 640 (Cyc. Lights)

### Moving Lights

- 2 @ Ayrton Mistral-Si 300W – 8000K LED Spot (Flown Upstage)
- 2 @ Ayrton Mistral-Si 300W – 8000K LED Spot (Portable)
- 2 @ Ayrton Diablo-Si 300W LED Profile (Flown Upstage)
- 2 @ Ayrton Levante-S 300W LED Wash (Flown over Apron)

### The following additional fixtures are available:

- 8 @ 50° Source 4 Ellipsoidal
- 4 @ 36° Source 4 Ellipsoidal
- 2 @ 15° / 30° Zoom Source 4 Ellipsoidal
- 2 @ 25° / 50° Zoom Source 4 Ellipsoidal
- 4 @ Altman 65Q Fresnel
- 4 @ Strand 3380 Fresnel
- 2 @ Showline SL Bar 640 RGBW (On Booms)
- 8 @ Source 4WRD II LED Ground Kit

### Lens Tubes-(Est. Spares available)

- 1 @ 70°
- 6 @ 50°
- 9 @ 36°
- 6 @ 26°
- 1 @ 19°

### Follow Spots:

- 2 @ Rober Juliat “Foxye” (Located at extreme sides of auditorium)

### Accessories:

- 8 @ 3380 Barndoors
- 8 @ Altman Barndoors
- 12 @ B Size Gobo Holders
- 1 @ Glass Gobo Holder
- 1 @ Rosco V Haze

**Usage of oil based hazers such as the DF50 is not permitted.**