



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' without apron, 13' with apron.

Wings: Extend 42 ft each side.

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

Orchestra Pit

When covered, forms an Apron that extends the stage floor area 13' from House Curtain. The cover consists of sixteen plywood sections, weight each, approx. 75 lbs. The orchestra pit can accommodate, depending on equipment requirements, approximately 25 musicians. Free space approximately 290 sq. ft. There are weight restrictions on the orchestra pit cover. Please consult the Technical Director before placing significant loads on the cover.

NOTE: The orchestra pit cover will be in place upon arrival. Extra charges may apply for opening the Orchestra Pit

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)

CAUTION NOTE FOR LARGE TRUCKS:

Please observe height restrictions on the overpass just east of the ramp down to the Loading Dock.

Overpass height is 3.9M.

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 60 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'X40' Screen)

{Approx 19'X38' Projected Area}

-Back Stage Curtain (Twin-white Rosco Screen – Located US)

{Approx 18'X30' Projected Area}

- Onstage Projector

- Christie DWU851Q (7500 Lumens)
 - HDMI Preferred (Display Port/VGA possible)
 - Projects to Back stage curtain 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 Back stage curtain

- 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)



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) 6ft. Baby Grand. Piano can not be placed on the Orchestra Pit cover. Tuning charges may apply

Auxiliary Equipment

- 2 Lecterns
- 1 conductor's podium
- 75 music stands
- 100 black orchestra chairs
- 6 4 ft x 8 ft. risers, 12 in. high.
- 4 4 ft x 8 ft. risers, 6in high.
- 1 drum riser on wheels - 6 in. by 8 in. by 6 in. high
- 7 6' x 33" 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 42ft. Free Flying Height is 38 ft.

Line Sets:

All empty pipe is 46ft. 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 colour. Manual. Control location: stage right. Can not be flown.

Travelers:

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

Legs:

Black, 5 sets only. 18' high.

Borders:

Valence: Dark Red velour or Black available. 4ft. high by 40ft. wide. The other five (5) borders are 6ft. high by 46ft. 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 can not be moved from this position. The cyclorama is 22ft. high by 46ft. 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 is available. Full detailed list available upon request

Wireless Mics

- 4 @ Shure Handheld
- 2 @ Shure Headset Style
- 2 @ Shure WL185 Lavalier
- 2 only Shure Belt packs
- 4 @ Shure Receiver

Additional Equipment

- 2 @ Yamaha RiO 1608-D Stagebox
- 1 @ Yamaha RO -08 Dante Output Card (Running Main System)
- Denon DN-D4500 MK2 Dual CD Player
- Denon DN-300Z Multimedia/CD Player
- Numark iCDMIX3 Dual MP3/CD Player
- Tascam CD-RW900SL CD Player/Recorder
- Allen & Heath 14:4:2 Analogue Mixer
- TC Helicon VSM-200XT Personal Monitors



Lighting:

Control

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

ETC Ion 1K with 2x10 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 18'6". 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, including 4 repositionable specials. The Theatre Technical Staff have found this format to be flexible enough to quickly program. Changes to this plot must be restored at the end of the rental as part of the contracted hours..



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)
- 9 @ Showline SL Bars 640

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

Lens Tubes-(Est. Spares available)

- 1 @ 70°
- 5 @ 50°
- 8 @ 36°
- 6 @ 26°

Follow Spots:

- 2 @ Rober Juliat "Foxie" (Located at extreme sides of auditorium)

Accessories:

- 8 @ 8' Side Booms with KeeKlamp Fittings
- 12 @ Floor Bases
- 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.